



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 24, 1985

TO: John R. Baza, Petroleum Engineer

FROM: William Moore, Oil and Gas Field Specialist *WMM*

RE: Arco Federal 36-8, Sec.36, T.15 1/2S, R.24E, Grand County, Utah

The following observations and recommendations are from the presite inspections of the above-referenced well location. I performed the inspection alone after the location was staked by Arco the day before. The location of the site and pit as placed to one side of the valley is acceptable. The slope in the valley bottom onsite is shallow--less than one percent. It should not present any slide hazards.

The area contains signs of sheep and cattle grazing and, therefore, the facilities and pits should be fenced. Soils tests from a soil sample taken from the site indicate the soils are from the GM soils group, which is a silty gravel, poorly graded, gravel-sand-silt mixture. This classification is good for berms but moderate to poor for pit linings. Therefore, the pit when constructed should be lined. This soil also has moderate erosion potential, so precautions must be taken in drainages on location to prevent erosions of the pad at strategic points near pit walls.

When on location, I observed the proposed road as it was flag from the 36-7 down to the 36-8. This indicates an extensive road that must be built to reach the area. However, the flag track is acceptable for location and grade as long as the wash crossings are properly constructed.

The Division of State Lands in Moab has noted that the Division of Wildlife may possibly place restrictions on drilling during the next few weeks, due to elk and deer rearing in this area. Reclamation procedures should include recontouring, spreading of top soils, scarifying and reseeding with a common grass mixture used in the area.

sb
9686T-87

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

13

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
 Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator **ARCO Oil and Gas Company, a Division of Atlantic Richfield Company**

3. Address of Operator
P. O. Box 5540, Denver, Colorado 80217

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface **945' FSL & 850' FWL**
 At proposed prod. zone **Approximately the same**

5. Lease Designation and Serial No.
State ML-22208

6. If Indian, Allottee or Tribe Name
N/A

7. Unit Agreement Name
N/A

8. Farm or Lease Name
ARCO State

9. Well No.
#36-8

10. Field and Pool or Wildcat
Wildcat East Canyon Field

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 36-T15-1/2S-R24E

12. County or Parrish
Grand

13. State
Utah

14. Distance in miles and direction from nearest town or post office*
Approximately 30 miles from Mack, Colorado

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
850'

16. No. of acres in lease
1094.36

17. No. of acres assigned to this well
240

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
Approx. 3000'

19. Proposed depth
7440'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7789' GR

22. Approx. date work will start*
July 1985

PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------|
| 14-3/4" | 10-3/4" | 40.50# | 300' | 280 SX |
| 9-7/8" | 7-5/8" | 26.40# | 3450' | 800 SX |
| 6-3/4" | 5" | 18.0# | 7440' | 200 SX |

Propose to drill a Morrison-Dakota-Cedar Mountain well to a depth of 7440' as is outlined in the following attachments:

1. Certified Location Plat
2. Access Route Diagram
3. BOPE Diagram
4. Brief Drilling Plan

If you have any questions regarding this permit, please contact Suzanne Barnes of the Drilling Operations Group at (303) 293-1077, or Mike Smith at (303) 293-7305.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed *J. McCarthy* Title Operations Manager Date 6/25/85
 (This space for Federal or State office use)

Permit No. _____ Approval **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**
 Approved by _____ Title _____
 Conditions of approval, if any:

DATE: 7/19/85BY: *John R. Bax*

*See Instructions On Reverse Side

WELL SPACING: Change No 149-1

3/14/73



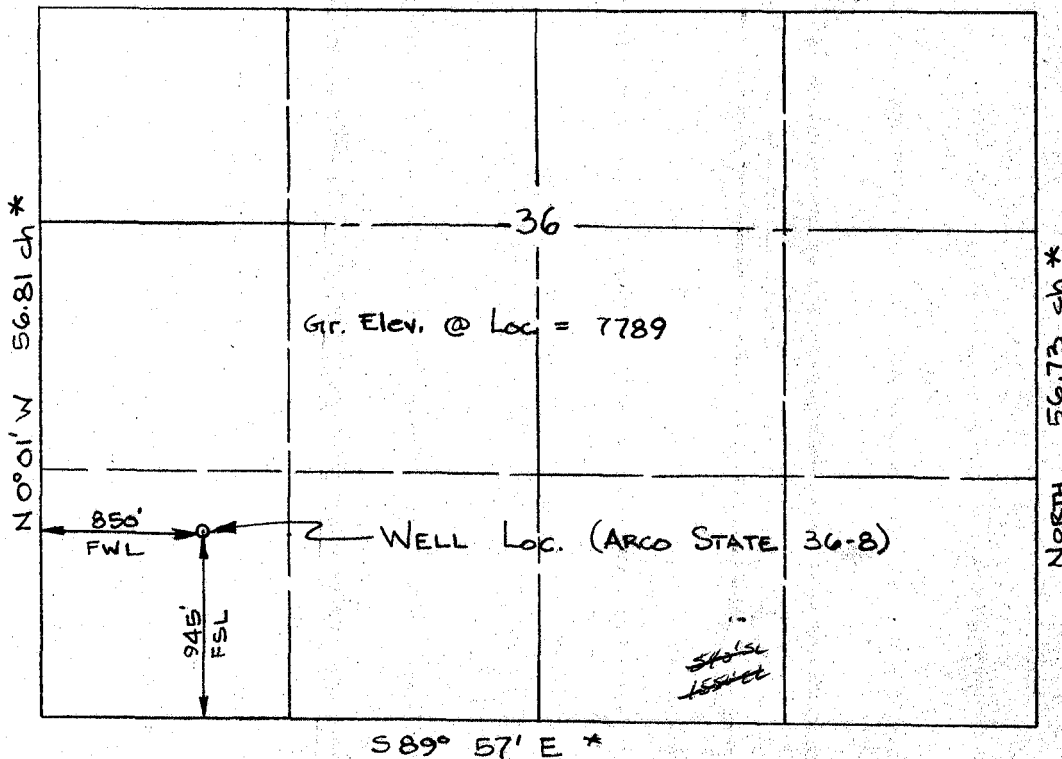
FORM F-106-A

Attachment 1
Certified Location Plat
ARCO State #36-8

* GLO

plat 1924

R. 24 E.



T. 15 1/2 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
has in accordance with a request from SUZANNE BARNES
for ARCO OIL & GAS
determined the location of ARCO STATE 36-8
to be 945' FSL & 850' FWL of Section 36 Township 15 1/2 South
Range 24 East of the SALT LAKE Meridian
GRAND County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

Date: MAY 28, 1985E. Samuel StagemanLicensed Engineer
State of COLORADO

"Utah exception"



Attachment 2

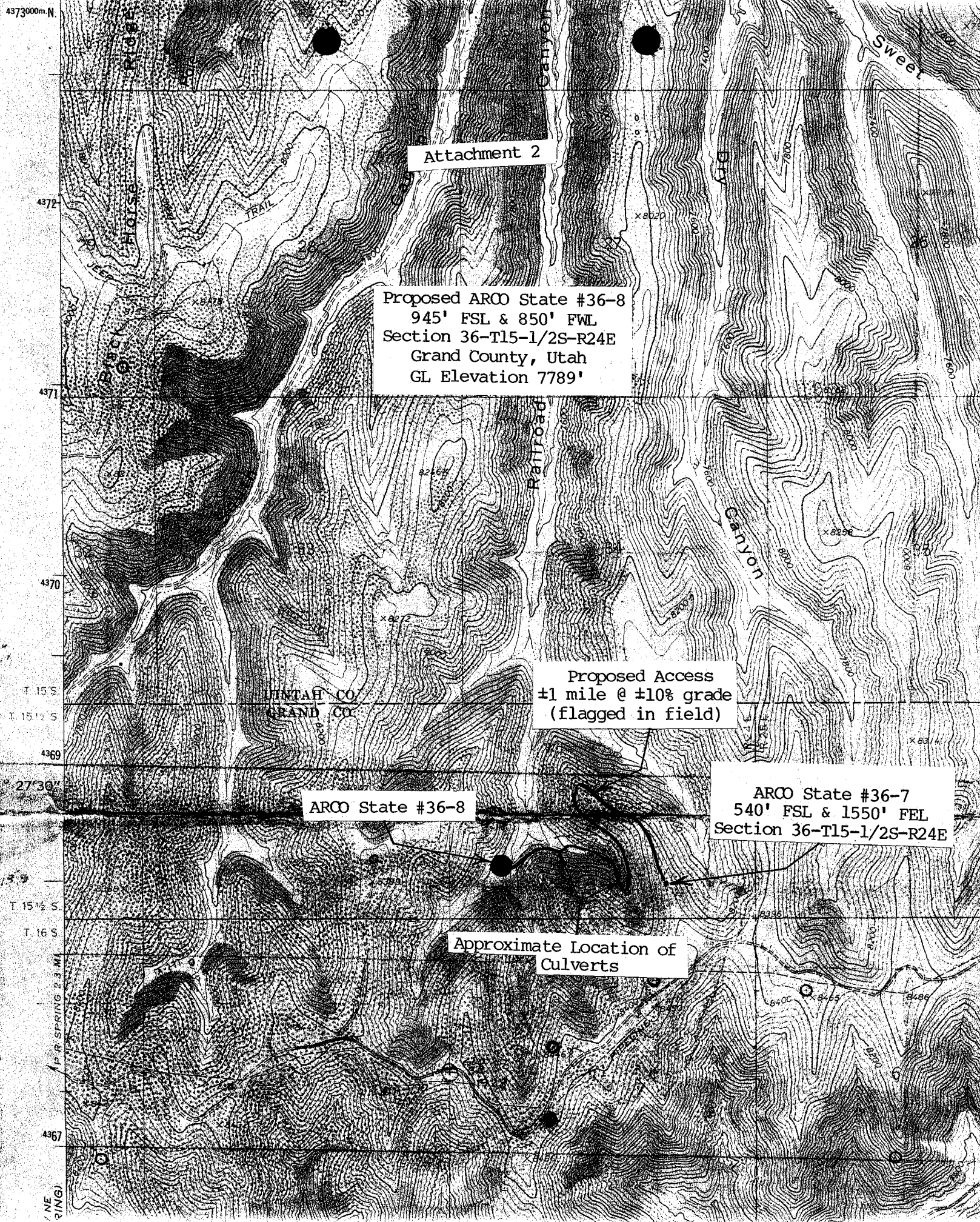
Proposed ARCO State #36-8
945' FSL & 850' FWL
Section 36-T15-1/2S-R24E
Grand County, Utah
GL Elevation 7789'

Proposed Access
±1 mile @ ±10% grade
(flagged in field)

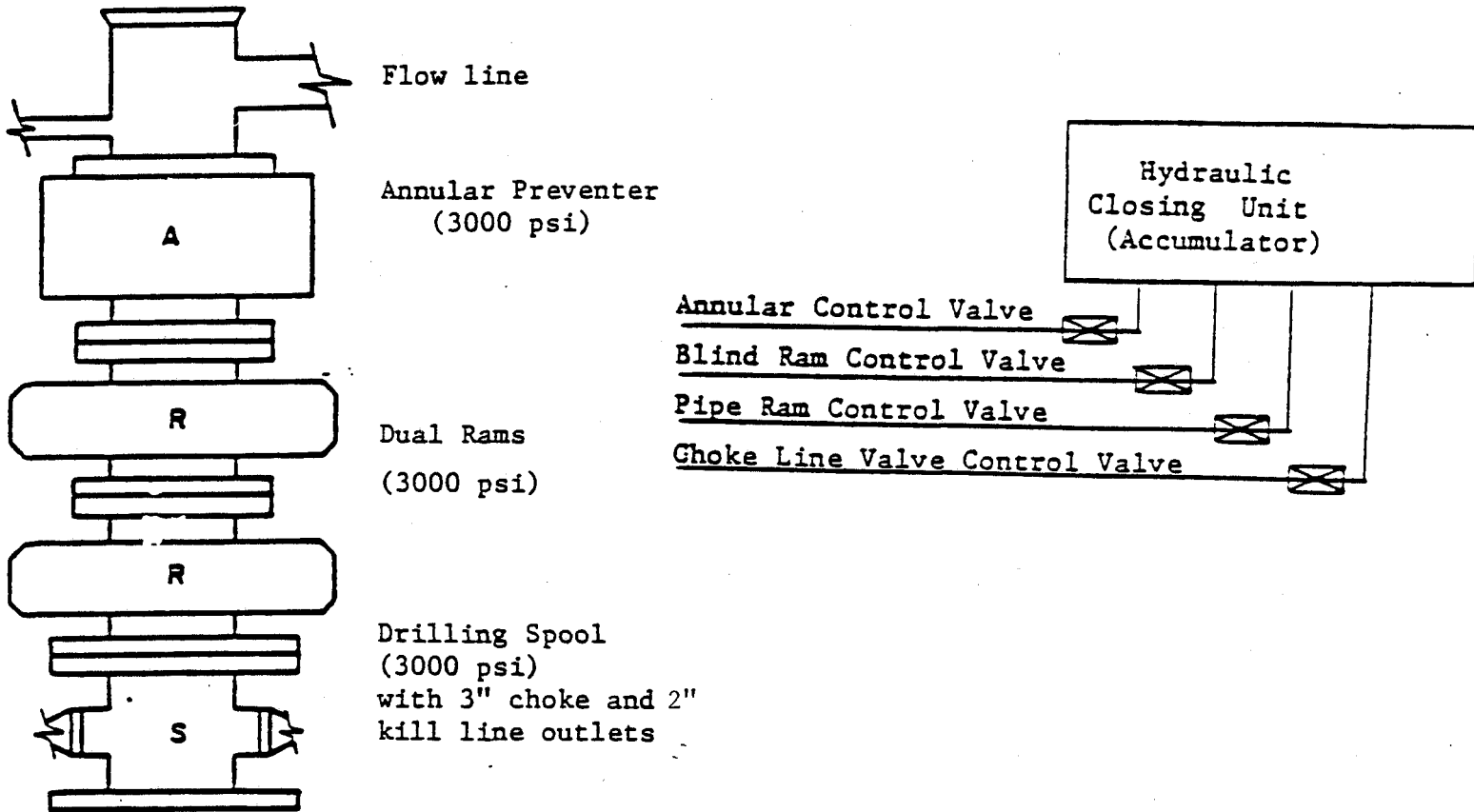
ARCO State #36-8

ARCO State #36-7
540' FSL & 1550' FEL
Section 36-T15-1/2S-R24E

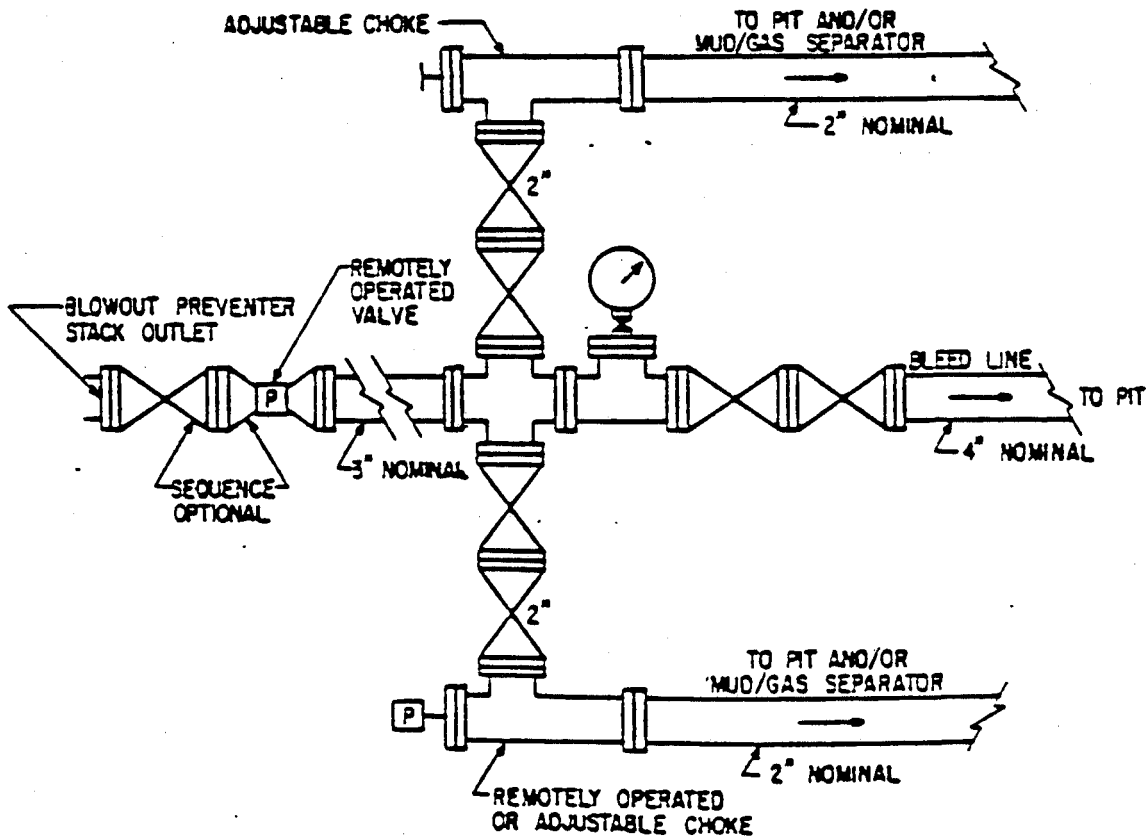
Approximate Location of
Culverts



BOP Schematic



Choke Manifold (3000 psi)



**Attachment 4
Drilling Plan**

1. Surface Formation and Estimated Formation Tops:

| | |
|--------------|-----------|
| Wasatch | - Surface |
| Mesaverde | - 1192' |
| Sego | - 2592' |
| Bucktongue | - 2832' |
| Castlegate | - 3158' |
| Mancos | - 3340' |
| Mancos B | - 4249' |
| Frontier | - 6504' |
| Dakota Silt | - 6774' |
| Dakota Group | - 6819' |
| Cedar Mtn. | - 6944' |
| Morrison | - 7044' |
| Salt Wash | - 7239' |
| TD | - 7440' |

2. Estimated depth at which oil, gas, water or other mineral-bearing zones are expected to be encountered:

Expected oil zones: Dakota @ 6774', Cedar Mtn @ 6944',
Morrison @ 7044'

Expected gas zones: Dakota @ 6774', Cedar Mtn @ 6944',
Morrison @ 7044'

3. Minimum Specifications for Pressure Control:

Attachment 3 is a schematic diagram of the blowout preventer equipment. The annular preventer will be tested to 1500 psi and the pipe and blind rams will be tested to 3000 psi upon nipple up. Pipe rams will be checked operationally each 24 hours, as will blind rams and annular preventer each time pipe is pulled out of the hole. All checks of BOP will be noted on Daily Drilling Reports. Choke Manifold and Accumulator Unit are also shown on Attachment 3.

OPERATOR Arco Oil & Gas Co. DATE 7-3-85
WELL NAME Arco State #36-8
SEC SW SW 36 T 15 1/2 S R 24 E COUNTY Grand

43-019-31192
API NUMBER

State
TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR
OIL SHALE

PROCESSING COMMENTS:

α - Cause No. 149-1
Need water permit
State History - α by La Mar Lindsay - 7/24/85

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT

☒ C-3-a 149-1 3/14/73
CAUSE NO. & DATE

☐ C-3-b

☐ C-3-c

STIPULATIONS:

1- Water
2- State History - α
2- Pit shall be lined with gel.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 19, 1985

Arco Oil and Gas Company
A Division of Atlantic Richfield Company
P. O. Box 5540
Denver, Colorado 80217

Gentlemen:

Re: Well No. Arco State 36-8 - SW SW Sec. 36, T. 15 1/2S, R. 24E
945' FSL, 850' FWL - Grand County, Utah

Approval to drill the above-referenced gas well is hereby granted in accordance with the Order of Cause No. 149-1 dated March 14, 1973 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Pit shall be lined with gel.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Arco Oil and Gas Company
Well No. Arco State 36-8
July 19, 1985

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31192.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. J. Firth", is written over a horizontal line.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: State Lands

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (See instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Company 3. ADDRESS OF OPERATOR P.O. Box 5540, Denver, Colorado 80217 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 945' FSL & 850' FWL Section 36-T15-1/2S-R24E 14. PERMIT NO. API #43-019-31192 | | 5. LEASE DESIGNATION AND SERIAL NO. State ML-22208 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 7. UNIT AGREEMENT NAME N/A 8. FARM OR LEASE NAME ARCO State 9. WELL NO. #36-8 10. FIELD AND POOL, OR WILDCAT East Canyon 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 36-T15-1/2S-R24E 12. COUNTY OR PARISH 13. STATE Grand Utah |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7789' GR | | |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to change the drilling fluid for the ARCO State #36-8 well from Air-Air Mist as was submitted within the APD dated 6/25/85 to Gas for the 6-3/4" hole (3450' - TD). A temporary gas line from the existing production gas line to the wellsite is proposed to supply the required gas. This temporary line will cross only state lands.

Request was discussed between Mr. John Baza, Utah State Oil and Gas Commission and Mr. Mike Smith, ARCO Oil and Gas Company.

RECEIVED

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

AUG 08 1985

DATE: 8/14/85
 BY: John R. Baza

DIVISION OF OIL
 GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

L. B. Momo

SMB

TITLE

Operations Manager

DATE

8/2/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-019-31192

NAME OF COMPANY: ARCOWELL NAME: Arco State 36-8SECTION SW SW 36 TOWNSHIP 15 1/2 S RANGE 24 E COUNTY GrandDRILLING CONTRACTOR CardinalRIG # 4SPUDDED: DATE 8-15-85TIME 1:30 AMHOW RotaryDRILLING WILL COMMENCE REPORTED BY Jim OniskoTELEPHONE # 303-293-1060DATE August 15, 1985 SIGNED AS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED

SUNDRY NOTICES AND REPORTS ON AUG 30 1985

Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT—" for such proposals.OIL WELL ☐ GAS WELL ☒ OTHER ☐DIVISION OF OIL
GAS & MINING

NAME OF OPERATOR

ARCO Oil and Gas Company, Division of Atlantic Richfield Company

ADDRESS OF OPERATOR

P.O. Box 5540, Denver, Colorado 80217

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

945' FSL & 850' FWL Sec 36-T15½S-E24E

5. LEASE DESIGNATION AND SERIAL NO.

State ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

ARCO State

9. WELL NO.

36-8

10. FIELD AND FOOT, OR WILDCAT

East Canyon

11. SEC. T., R., M., OR BLK. AND
SURVEY OR AREA

36-15½S-24E

12. PERMIT NO.

43-019-31192

13. ELEVATIONS (Show whether OF, AT, OR FSL)

7789' GL

14. COUNTY OR PARISH

Grand

15. STATE

Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT ☐(Other) N.O. SPUD & SURFACE CASING ☒(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

16. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MI & RU Cardinal Rig #24; 16" conductor set @ 40' GL. SPUD 14-3/4" hole @ 0130 hrs 8-15-85. Drilled ahead to 330'. RU and ran 8 jts 10-3/4", 40.5#, J-55, STC casing and set @ 326'KB. Cemented with 292 sx Class "G" cement + 2% CaCl₂ + 1/4#/sx cello. Good returns throughout job. Bumped plug. NU BOP. Pressure tested kelly cock, pipe and blind rams and valves on manifold to 250 psi for 5 mins - OK. Pressure tested casing to 1500 psi for 15 mins - OK. Drilled ahead 8-18-85.

17. I hereby certify that the foregoing is true and correct

SIGNED

L.B. Morse

TITLE Operations Manager

DATE

8-25-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED

SEP 13 1985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

DIVISION OF OIL
GAS & MINING

OIL ☐ GAS ☐ WELL ☒ OTHER ☐

NAME OF OPERATOR

ARCO Oil and Gas Company, Division of Atlantic Richfield Company

ADDRESS OF OPERATOR

P.O. Box 5540, Denver, Colorado 80217

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

945' FSL & 850' FWL Sec 36-T15 $\frac{1}{2}$ S-R24E

PERMIT NO.

43-019-31192

12. ELEVATIONS (Show whether OF, TO, OR, etc.)

7789' GL

5. LEASE DESIGNATION AND SERIAL NO.

State ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

ARCO State

9. WELL NO.

36-8

10. FIELD AND POOL, OR WILDCAT

East Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

36-15 $\frac{1}{2}$ S-24E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT ☐(Other) Intermediate & Prod csg ☒

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled ahead to 3485'. Logged. RU and ran 83 jts 7-5/8" 26.4#, K-55, STC casing and set @ 3485'. Cemented with 700 sx 50/50 poz mix, 2% gel, 1/4#/sx celloflake followed with 100 sx Class "B" + 2% CaCl₂ & 1/4#/sx celloflake. Good circulation throughout with 10 bbls cement to surface. Bumped plug. Pressure tested BOP to 250 psi for 5 mins and 3000 psi for 15 mins. Drilled ahead 8-28-85.

Drilled ahead to 7490' TD. Logged. RU and ran 178 jts 5" 18#, N-80. LTC casing and set @ 7453'. Cemented as follows: pumped 205 bbls mud, 10 bbls mud sweep, 280 sx Class "G" + additives and displaced with 131 bbls water. Bumped plug and displaced 60 bbls mud to pit.

Released rig 9-7-85.

Waiting on completion.

I hereby certify that the foregoing is true and correct

SIGNED

J.M. McCarthy

TITLE District Drilling Superintendent

DATE

9-10-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.OIL WELL ☐ GAS WELL ☒ OTHER ☐

NAME OF OPERATOR

ARCO Oil and Gas Company, Division of Atlantic Richfield Company

ADDRESS OF OPERATOR

P.O. Box 5540, Denver, Colorado 80217

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface 945' FSL & 850' FWL

RECEIVED

OCT 18 1985

PERMIT NO.

43-019-31192

14. ELEVATIONS (Show whether OF, TO, OR FSL)

7789' GL

DIVISION OF OIL

GAS & MINING

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐

PERF, ACIDIZE & FRAC

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT ☐

X

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MI RU Service Rig 9-12-85. TIH with bit and casing scraper. Ran CBL. Spot 100 gal 7.5% HCL from 6954'-6820'. Swabbed. Perf'd Dakota @ 6932, 35, 37, 40, 51 & 53'. Set packer. Pumped 1500 gals 7.5% HCL with 18 ball sealers. Swabbed. Frac'd 6932'-6953' using 19,500 gals KCL water, 67,750 gal 70 quality foam and 90,000# 20/40 mesh sand. Landed 2-3/8" tubing @ 6892'. Flowed. Released rig.

I hereby certify that the foregoing is true and correct

SIGNED

Jm McCarthy / J.M. McCarthy

TITLE

District Drilling Superintendent

DATE

10-15-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | |
|---|--------------------------------|--|--|---|---|
| 1a. TYPE OF WELL: | | OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/> | Other _____ |
| b. TYPE OF COMPLETION: | | NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/> | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> |
| | | DIFF. RESVR. <input type="checkbox"/> | Other _____ | | |
| 2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Company | | | | | |
| 3. ADDRESS OF OPERATOR P.O. Box 5540, Denver, Colorado 80217 | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 945' FSL & 850' FWL At top prod. interval reported below --- At total depth --- | | | | | |
| DIVISION OF OIL GAS & MINING | | | | | |
| 14. PERMIT NO. 43-019-31192 | | | DATE ISSUED 7-19-85 | | |
| 15. DATE SPUDDED 8-15-85 | | 16. DATE T.D. REACHED 9-5-85 | | 17. DATE COMPL. (Ready to prod.) 9-27-85 | |
| 20. TOTAL DEPTH, MD & TVD 7490' | | 21. PLUG, BACK T.D., MD & TVD 7397' | | 22. IF MULTIPLE COMPL., HOW MANY* 1 | |
| 23. INTERVALS DRILLED BY 0-7490' | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7789' GL 7806' KB | | 19. ELEV. CASINGHEAD --- | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 6932' - 6953' | | | | 25. WAS DIRECTIONAL SURVEY MADE NO | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/GR FDC/CNL/Cal | | | | 27. WAS WELL CORDED NO | |
| 28. CASING RECORD (Report all strings set in well) | | | | | |
| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 16" | --- | 40' | 24" | Conductor | --- |
| 10-3/4" | 40.5# | 326' | 14-3/4" | 292 sx | --- |
| 7-5/8" | 26.4# | 3485' | 9-7/8" | 800 sx | --- |
| 5" | 18# | 7435' | 6-3/4" | 280 sx | --- |
| 29. LINER RECORD | | | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | |
| --- | --- | NONE | --- | --- | |
| 30. TUBING RECORD | | | | | |
| SIZE | DEPTH SET (MD) | PACKER SET (MD) | | | |
| 2-3/8" | 6892' | --- | | | |
| 31. PERFORATION RECORD (Interval, size and number) 6932'-6953' 2 SPF | | | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | |
| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | | | |
| See attached | | | | | |
| 33. PRODUCTION | | | | | |
| DATE FIRST PRODUCTION 9-27-85 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowed during completion and testing | | | WELL STATUS (Producing or shut-in) Shut in |
| DATE OF TEST 9-27-85 | HOURS TESTED 24 hrs | CHOKE SIZE 3/4" | PROD'N. FOR TEST PERIOD --- | OIL—BSL. --- | GAS—BSL. 1.2 MMCF |
| WATER—BSL. --- | OIL GRAVITY-API (CORR.) --- | | | | |
| FLOW. TUBING PRESS. 729 | CASING PRESSURE 720 | CALCULATED 24-HOUR RATE --- | OIL—BSL. --- | GAS—BSL. 1.2 MMCF | WATER—BSL. --- |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold | | | | | TEST WITNESSED BY N Johnson |
| 35. LIST OF ATTACHMENTS 2 of #26 above and Daily Well History | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | |
| SIGNED J.M. McCarthy | | TITLE District Drilling Superintendent | | DATE 10-15-85 | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | | | | 38. GEOLOGIC MARKERS | | |
|---|-----|--------|-----------------------------|---|--|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| No cores and no DST's | | | | Green River Wasatch Mesaverde Sego Buck Tongue Castlegate Mancos Mancos "B" Base "B" Frontier Dakota Silt Dakota Cedar Mountain Morrisson Salt Wash | Surface 525' 1135' 2596' 2835' 3136' 3342' 3898' 4636' 6485' 6746' 6792' 6928' 7024' 7232' | |

ARCO State #36-8
SW SW Section 36-15 $\frac{1}{2}$ S-24E
945' FSL & 850' FWL
Grand County, Utah

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC.

| | |
|-------------|---|
| 6954'-6820' | 100 gal 7.5% HCL |
| 6932'-6953' | 1500 gal 7.5% HCL + additives + 18 ball sealers |
| 6932'-6953' | 19,500 gal KCL water + 67,750 gal foam + 90,000# sand |

ARCO State #36-8
SW SW Section 36-15 $\frac{1}{2}$ S-24E
945' FSL & 850' FWL
Grand County, Utah

RECEIVED

OCT 8 1985

DIVISION OF OIL
GAS & MINING

| | | |
|---------|------|---|
| 8/10-12 | 40 | (40') - MI RU. MI RU Cardinal #4 8/10/85. All loads to be on loc today (8/12/85). Drld 24" conductor hole to 40'. Expect to spud 8/13/85. |
| 8/13/85 | 40 | (0') - MI RU. RU Cardinal #4. |
| 8/14/85 | 40 | (0') - RU. (16" @ 40') RU Cardinal #4. Expect to spud this evening (8/14/85). |
| 8/15/85 | 132 | Day-1 (92') - Drlg. (16" @ 40') RU. SPUD well 0130 hrs 8/15/85. Drld 14-3/4" hole to PD. Surveys: 3/4° @ 65', 1/2° @ 132'. |
| 8/16/85 | 330 | Day-2 (198') - Weld on csg hd. (10-3/4" @ 326') MW: 8.7# Vis: 38 Pv/Yp: 8/9 Drld to PD. Circ. Sht trip. Ran 8 jts 10-3/4", 40.5#, J-55, STC csg, set @ 326'. Cmted w/292 sx Cl "G", 2% CaCl ₂ + add. Gd returns. Bmpd plug w/400#. PD 1900 hrs 8/15/85. Surveys: 1/2° @ 190' & 308'. |
| 8/17-19 | 1050 | Day-5 (348') - Pmp repair. (10-3/4" @ 326') MW: 9.0# Vis: 35 Pv/Yp: 7/7 NU & press tst BOPE. TIH & drld cmt. Drld to PD. TOH f/B#3. Tite hole 3 stds off btm. Surveys: 1° @ 428', 1-1/2° @ 519', 1-3/4° @ 600' & 698', 1-1/2° @ 794', 1-1/4° @ 888' & 982', 1° @ 1050'. |
| 8/20/85 | 1674 | Day-6 (624') - Drlg. (10-3/4" @ 326') MW: 9.3# Vis: 37 Pv/Yp: 11/10 Pmp repair. Drld to PD. Surveys: 3/4° @ 1200', 1° @ 1353', 1/2° @ 1578'. |
| 8/21/85 | 1928 | Day-7 (254') - Drlg. (10-3/4" @ 326') MW: 9.2# Vis: 41 Pv/Yp: 10/11 Drld. Circ & sht trip. Tite hole 1197-1150'. TOH. PU drlg jars. Rnd to btm. Drld to PD. Survey: 1/2° @ 1770'. |

ARCO State #36-8
SW SW Section 36-15 $\frac{1}{2}$ S-24E
945' FSL & 850' FWL
Grand County, Utah

| | |
|--------------|---|
| 8/22/85 2432 | <p>Day-8 (504') - TOH. (10-3/4" @ 326')</p> <p>MW: 9.2# Vis: 42 Pv/Yp: 9/13</p> <p>Drld to PD. B#3 cones locked up. TOH f/B#4. Surveys: 1/2° @ 1802', 2021' & 2243', 1-1/2° @ 2432'.</p> |
| 8/23/85 2905 | <p>Day-9 (473') - Sht trip. (10-3/4" @ 326')</p> <p>MW: 9.3# Vis: 42 Pv/Yp: 10/13</p> <p>TOH & PU B#4. TIH. Rnd 110' to btm. Drld to PD. Wrk tite hole on conn. Sht trip 3 stds. Circ & rm. Surveys: 1° @ 2527' & 2746'.</p> |
| 8/24-26 3485 | <p>Day-12 (581') - NU BOPs. (7-5/8" @ 3485')</p> <p>MW: 9.3# Vis: 40 Pv/Yp: 10/12</p> <p>Drld to PD w/sht trip. SOH - SLM 3482', no corr. RU Go Int'l & run DIL & FDC/CNL/Cal. TIH. Circ f/csg. LD 4-1/2" DP. Run 83 jts 7-5/8", 26.40#, K-55 csg. Cmt w/700 sx 50/50 Poz + adds, foll'd by 100 sx Cl "B" + add. Circ cmt to surf. PD 2200 hrs 8/25/85. Set slips, cut csg. Instl csg spool. Tst to 1500#. NU BOPs.</p> |
| 8/27/85 3485 | <p>Day-13 (0') - RIH w/ 6-3/4" bit. (7-5/8" @ 3485')</p> <p>MW: 8.3# Vis: 28 Pv/Yp: 1/1</p> <p>Press tst BOPE to 250 psi f/5 min & 3000 psi f/15 min. PU 15 4-3/4" DCs.</p> |
| 8/28/85 3850 | <p>Day-14 (365') - Survey. (7-5/8" @ 3485')</p> <p>Gas</p> <p>Tag cmt @ 3390'. Press tst csg to 1500 psi f/15 min - OK. Drld cmt & new hole to 3504'. Blew hole dry w/73M cu ft nitrogen. Drld 6-3/4" hole w/gas to PD. Surveys: 1-1/2° @ 3630', 3721' & 3850'.</p> |
| 8/29/85 4398 | <p>Day-15 (548') - Drlg. (7-5/8" @ 3485')</p> <p>Gas</p> <p>Drld to PD w/TFB #6. Rig repair (2 hrs). Surveys: 1-1/4° @ 4040', 1-3/4° @ 4197', 1-1/2° @ 4324'.</p> |
| 8/30/85 4398 | <p>Day-16 (548') - Drlg. (7-5/8" @ 3485')</p> <p>Gas</p> <p>Drld to PD. Surveys: 1-3/4° @ 4451', 2-1/4° @ 4610', 2-1/4° @ 4674', 2-3/4° @ 4737', 3° @ 4801', 2-1/4° @ 4684'.</p> |

4

ARCO State #36-8
SW SW Section 36-15½S-24E
945' FSL & 850' FWL
Grand County, Utah

| | |
|---------------|---|
| 8/31-9/3 6496 | Day-20 (2098') - Drlg. (7-5/8" @ 3485') Gas Drld to PD w/TFB #7 & Pehd BHA. Surveys: 2-1/2° @ 4926', 2-3/4° @ 4991' & 5054', 3° @ 5122' & 5182', 3-1/2° @ 5241' & 5304', 4° @ 5368', 5432', & 5496', 4-1/2° @ 5560', 5623' & 5686', 4-3/4° @ 5778' & 5809', 5° @ 5907' & 5970', 4-3/4° @ 6034', 4-1/2° @ 6098', 4-3/4° @ 6159' & 6253', 5-1/4° @ 6317', 5-1/2° @ 6380', 4-3/4° @ 6444'. |
| 9/4/85 7035 | Day-21 (539') - Drlg. (7-5/8" @ 3485') Gas Drld to PD. Surveys: 4-1/2° @ 6506', 6572' & 6635', 4-1/4° @ 6699', 4° @ 6792' & 6834', 4-1/2° @ 6982'. |
| 9/5/85 7405 | Day-22 (370') - Drlg. (7-5/8" @ 3485') Gas Drld to PD. Surveys: 4-1/2° @ 7077' & 7172', 4-1/4° @ 7300'. |
| 9/6/85 7490 | Day-23 (85') - LD DP. (7-5/8" @ 3485') Gas Drld 6-3/4" hole to PD (TD). TOH. RU & ran DIL/GR & FDC/CNL/GR logs. RD loggers. TIH. TOH & LD 3-1/2" DP. |
| 9/7-9 7490 | Day-24 (0'), PBD: 7397' - WO completion. (7-5/8" @ 3485') Gas LD DP & DC. Ran 178 jts 5", 18#, N-80, LTC csg w/DFFS & DFFC & 4 cntrzs. Hit fill @ 7443'. Pmpd 305 BM. Wsh 13'. Lnd'd csg @ 7453'. Pmpd 10 BM sweep & cntd 280 sx Cl "G" w/add. Bmpd plug @ 1600 hrs 9/6/85. Circ 60 bbls cmt to pit. ND BOPE. Set slips w/130M#. NU tbg hd. RR 0400 hrs 9/7/85. (Drop f/report until completion commences.) |
| 9/12/85 7490 | Day-1 (0'), PBTD: 7397' - WO weather (7-5/8" @ 3485') MI completion rig. SD due to weather. (Completion) |
| 9/13/85 7490 | Day-2 (0'), PBTD: 7397' - Cln out to PBTD. (7-5/8" @ 3485') MIRU compl rig. PU 4-1/8" bit, csg scraper 2-3/8" tbg - SDFN. |

5

ARCO State #36-8
SW SW Section 36-15 $\frac{1}{2}$ S-24E
945' FSL & 850' FWL
Grand County, Utah

9/14-16 7490 Day-5 (0'), PBTD: 7397' - RU t/swb. (7-5/8" @ 3485')
12-1/2 hrs SITP = 65#. RIH w/Bit & csg scraper. Tag plug @ 7372'.
Displaced mud w/2% KCL, H₂O. TOH w/bit. Run CBL/VDL/GR/CCL & CET/GR
f/PBTD - 5650'. NU BOPE. Tst BOPE & csg t/7000# f/15 min. Spot 100 gal
7.5% HCL f/6954-6820'. Swb & FL & N t/1200'. Perf w/2spf @ 6932', 35',
37', 40', 51', & 6953'. RI & set MS HO comp per @ 6766' KB acidized
w/1500 gal 7.5% HCL acid & add. Avg press 3500 psi. Avg rate 4.9 bpm.
Pmpd @ 4.9 bpm @ 3500#. Very little ball sealer action. Well on vac in 5
min. RU to swb. FL=1600'. Swb avg. 1 bbl/run SDON.

9/17/85 7490 Day-6 (0'), PBTD: 7397' - Swbg - WO N₂ f/frac. (7-5/8" @ 3485')
In am 9/16/85 SITP = 190#. RU t/swab. FL=4100'. Rec 1/2 - 1 bbl/hr.
SDFN.

9/18/85 7490 Day-7 (0'), PBTD: 7397' - WO frac equip. (7-5/8" @ 3485')
In am 9/17/85 SICP = 0 (17 hrs). IFL = 5100'. Swb 1/2 bbl/hr. Lowered
pkr thru perfs t/6898'. Wipe off ball seaters. TOH w/pkr. No gas.
SDFN.

9/19/85 7490 Day-8 (0'), PBTD: 7397' - Prep t/flow back. (7-5/8" @ 3485')
In am 9/18/85 SICP = 2650#. RU frac equip & frac Dakota perfs
f/6933-6953' dwn 5" csg w/19,500 gal KCL wtr, 67,750 gal 70 qual foam. &
90,000# 20/40 mesh sand & add. Pmpd @ 30 BPM. Max treating press =
4800#. ISIP = 3400 5 min SIP = 3800#. 15 min SIP = 2850#. SDFN.

9/20/85 7490 Day-9 (0'), PBTD: 7397' - Prep t/flow. (7-5/8" @ 3485')
SICP = 2650 psi. Flw dwn t/400 psi on 1/4" ck in 1-3/4 hrs. TIH
w/2-3/8"SSN on 2-3/8" tbg & tag snd @ 6997'. Land tbg @ 6892'. Shut in &
csg press built t/720 psi in 1/2 hr. Flwd thru 3/4" ck. Rec nitrogen &
wtr w/small amt of gas & snd. SDON.

9/21-23 7490 Day-12 (0'), PBTD: 7397' - Cont flowng. (5" @ 7453')
SICP 800 psi. Fld for 10 hrs w/FCP 600 psi & FTP 80 psi. SDON. SICP 500
psi SITP 390 psi. Kell well & atmp t/circ out snd w/2% KCL wtr. Could
not circ. Tag sand @ 6975' (22' of rathole). ND BOP. NU well hd &
tree. Swbd 120 bls wtr. Would not flow. SDON. Well KO flwg tbg press
inc f/50 t/120 psi FCP 550 psi. Est rate 1.8 MMCFD. SDON.

9/24/85 7490 Day-13 (0'), PBTD: 7397' - Cont flowng. (5" @ 7453')
SITP=780#, SICP=750#psi. Flw thru 3/4" chk TP=120# CP=550# SI to
instlX-mas tree & flare line. Flow t/pit. FTP=110#. FCP=550#. SIFN.

6
ARCO State #36-8
SW SW Section 36-15 $\frac{1}{2}$ S-24E
945' FSL & 850' FWL
Grand County, Utah

9/25/85 7490 Day- (0'), PBTD: 7397' - Cont flowng. (5" @ 7453')
SITP=780#, SICP=750#psi. Flw thru 3/4" chk FTP=106# FCP=521# for 12 hrs.
Sm amt mist in flare 1.3 MMCFD. SIFN.

9/26/85 7490 Day- PBTD: 7397' - Cont flowng. (5" @ 7453')
Flw well on 3/4" chk. FTP=102#, FCP=498#. Sm amt mist in flare. 1.2
MMCFD. SIFN.

9/27/85 7490 Day- PBTD: 7397' - Cont flowng. (5" @ 7453')
Flw well on 3/4" chk. TP=729#, CP=720#. 12 hr SITP=106# SICP=462#. SIF
final tst.

9/28-30 7490 Day- PBTD: 7397'- Shut in. FINAL REPORT - COMPELTED SI GAS WELL,
9/27/85. (5" @ 7453')
Dakota Fmt: Final rate @ 1.2 MMCFPD. Dakota perfs @ 6932-6953'.
LPP=6953'. (Dropped from report 9/30/85.)

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

Page 6 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

012923

Operator name and address:

• ARCO OIL & GAS COMPANY
P O BOX 1610
MIDLAND TX 79702
ATTN: REVENUE ACCT/JEFF DECKER

Utah Account No. N0080

Report Period (Month/Year) 12 / 86

Amended Report ☐

| Well Name | | | Producing Zone | Days Oper | Production Volume | | |
|------------------|--------|------------|----------------|-----------|-------------------|------------|-------------|
| API Number | Entity | Location | | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| FEDERAL 31-1 | | | | | | | |
| 4304730765 | 08345 | 15S 24E 31 | DKTA | * | | | |
| ARCO STATE 36-7 | | | | | | | |
| 4301931162 | 09710 | 15S 24E 36 | MRSN | X | | | |
| ARCO STATE #36-8 | | | | | | | |
| 4301931192 | 09710 | 15S 24E 36 | DKTA | * | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | | | | | | |

Comments (attach separate sheet if necessary) * SEE COMMENT PAGE 1 OF 6
* Properties sold, Effective 4-1-86 To: Buch Corporation

I have reviewed this report and certify the information to be accurate and complete.

Date 1-21-87

J. D. Decker
Authorized signature

JEFF DECKER

Telephone (915) 688-5414

PLEASE COMPLETE FORMS IN BLACK INK

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Grand Stew

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. ML-22208 |
| 2. NAME OF OPERATOR Birch Corporation | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 111214 |
| 3. ADDRESS OF OPERATOR 3801 East Florida Avenue Suite 900, Denver, CO 80210 | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 945' FSL 850' FWL | | 8. FARM OR LEASE NAME Arco-State |
| 14. API NUMBER 43-019-31192 | | 9. WELL NO. No. 36-8 |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7789' | | 10. FIELD AND POOL, OR WILDCAT Railroad Canyon |
| | | 11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec 36, T15S, R24E |
| | | 12. COUNTY OR PARISH Grand |
| | | 13. STATE Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input checked="" type="checkbox"/> | MULTIPLE COMPLETE <input checked="" type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input checked="" type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | |
| (Other) <input type="checkbox"/> | | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

We propose to perforate, acidize, and fracture according to the attached procedure. Fracture design will be for a propped fracture length of approximately 800 feet.

18. I hereby certify that the foregoing is true and correct

SIGNED Sherry Jones TITLE Operations Manager DATE 11/6/87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11-9-87

*See Instructions on Reverse Side

WORKOVER PROCEDURE

ARCO STATE WELL NO. 36-8

RAILROAD CANYON FIELD, GRAND COUNTY, UTAH

LOCATION: 945' FSL, 850' FWL, Section 36, T16S, R24E, Grand County, Utah.

ELEVATION: 7789' GL, 7806' KB. Note: All depths measured from KB measurements which is 17ft above ground level.

TUBULARS: 4-1/2" casing set at 7490' in September 1985.
2-3/8" EUE tubing landed at 6892 feet.

PROCEDURE: 1. Move in workover rig and rig up. Install BOP's, run in hole to 7325' and pull tubing. Clean out to 7325' if necessary.

2. Rig up wireline and perforate as follows:

| | | |
|---------------|----------|--------|
| 6865' - 6867' | 3 holes | 1 JSPF |
| 6914' - 6925' | 12 holes | 1 JSPF |
| 6974' - 6979' | 6 holes | 1 JSPF |
| 7045' - 7047' | 3 holes | 1 JSPF |
| 7280' - 7290' | 11 holes | 1 JSPF |

Use a 3-1/8" casing gun and premium charges.
Run guage ring.

3. Pick up retrievable bridge plug and packer. Run in hole and set bridge plug at 7300 feet. Set packer at 7200' and swab well and test.

4. Break down perforations using 500 gallons 15% HCl containing inhibitor, iron sequestering agent, clay stabilizer, and a non-ionic surfactant. Flowback swab and test.

5. If warranted, frac down tubing with a foam frac. Fracture treatment will be designed later. Flow back well and test.

6. Pick up bridge plug and selectively break down each set of perforations using 15%HCl and packer and bridge plug. Use the following volumes of acid:

| | |
|---------------|----------|
| 7045' - 7047' | 250 gal |
| 6974' - 6979' | 500 gal |
| 6914' - 6925' | 1000 gal |
| 6865' - 6867' | 250 gal |

Use same additives as above.

7. Reset bridge plug at 6850' and test casing to maximum pressure.

8. Run in hole and set bridge plug at 7060 feet. Pull tubing and packer. Lay down packer.

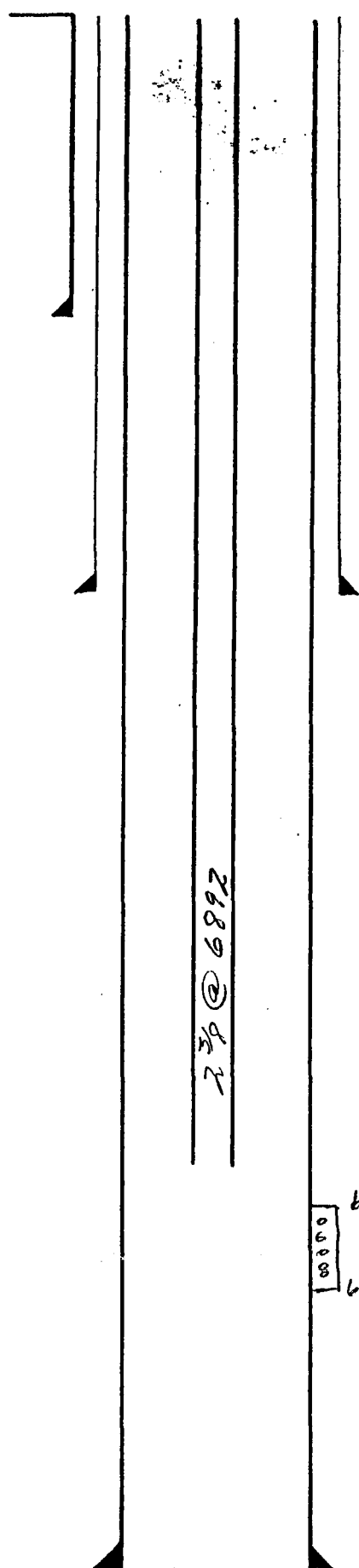
9. Run in hole with tubing and land at 6500± feet. Swab well and test.

10. Fracture treat well using a foam fracture treatment and triple entry. Fracture treatment may be staged using ball sealers and design will be provided later. Flow well to clean up.

11. Pull bridge plug and dually complete using a production packer if permission is not granted to commingle production.

ARCO STATE 36-8

CURRENT DOWNHOLE STATUS.



Elevation:

TD:

10 3/4 40# @ 330'

1 5/8 24# @ 3480'

2 3/4 @ 6892

6932

100 gal 7 1/2%
1500 gal 7 1/2% + 18 Ball sealers

6953

FOAM FRAC: 87,250 gal + 90,000# 20/40 sl.

4 1/2"

@ 7490'

NO WELL INFO

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

13

| | | | |
|--|--|---|--|
| SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back into a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. ML-22208 <i>SGW-DKTA</i> | |
| | | 6. INDIAN, ALLOTTEE OR TRIBE NAME | |
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME 121107 | |
| 2. NAME OF OPERATOR Birch Corporation | | 8. FARM OR LEASE NAME Arco-State | |
| 3. ADDRESS OF OPERATOR 3801 East Florida Avenue Suite 900 Denver, CO 80210 | | 9. WELL NO. No. 36-8 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 945' FSL, 850' FWL | | 10. FIELD AND POOL, OR WILDCAT Railroad Canyon | |
| 14. AP NUMBER 43-019-31192 | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15.5S Sec 36, T16S, R24E | |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7789' GL | | 12. COUNTY OR PARISH Grand | |
| | | 13. STATE Utah | |

RECEIVED
DEC 9 1987

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) Transmittal of Information <input checked="" type="checkbox"/> | |
| (Other) <input type="checkbox"/> | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The proposed workover procedure was begun on this location on November 21, 1987.

18. I hereby certify that the foregoing is true and correct

SIGNED *Long Amey* TITLE Operations Manager DATE 12/8/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug a well in a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
APR 18 1988

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Ave Suite #900 Denver Co 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

945 FSL 850 FWL

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco State

9. WELL NO.

No. 36-8

10. FIELD AND POOL, OR WILDCAT

Railroad Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 36 T15 $\frac{1}{2}$ S R24E

14. PERMIT NO.

43-019-31192

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7789 GR

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

PULL OR ALTER CASING

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

| |
|-------------------------------------|
| <input type="checkbox"/> |
| <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> |

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was recompleted according to the attached report. The recompletion began 11-21-87 and ended 12-18-87.

18. I hereby certify that the foregoing is true and correct

SIGNED

Long Amie

TITLE Operations Manager

DATE

4/13/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other recompletion

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Ave Suite #900 Denver CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 945 FSL 850 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-019-31192

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco State

9. WELL NO.

No. 36-8

10. FIELD AND POOL, OR WILDCAT

Railroad Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 36 T15 $\frac{1}{2}$ S R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED

8-15-85

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

12-18-87

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7789'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7490'

21. PLUG, BACK T.D., MD & TVD

7397

22. IF MULTIPLE COMPL., HOW MANY*

5

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morssison 7045-7047, 7280-7290
Cedar Mtn 6974-6979 Dakota 6865-6867, 6914-6925

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL, production log

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-----------------|-----------------|----------------|-----------|------------------|---------------|
| 10-3/4 | 40# | 330 | | pre-existing | |
| 7-5/8 | 24# | 3480 | | pre-existing | |
| 4 $\frac{1}{2}$ | | 7490 | | pre-existing | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | |
| | | | | |
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|----------------------------------|----------------|-----------------|
| 2-3/8 J-55 | 6544.93 KB | RBP @ 7319' |
| 34' tubing stub + packer @ 7146' | | |

31. PERFORATION RECORD (Interval, size and number)

(6932-6953 pre-existing)
7280-7290 11 holes 6865-6867 3 holes
7045-7047 3 holes
6974-6979 6 holes
6914-6925 12 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| | See attachment |
| | |
| | |
| | |

33. PRODUCTION

| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| 12-18-87 | | flowing | | | | producing | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 12-19-87 | 6 | sales line | → | 0 | 54 | 0 | NA |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| | 510 | → | 0 | 216 | 0 | NA | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

TEST WITNESSED BY
Mesa Pipeline

35. LIST OF ATTACHMENTS

attachment enclosed

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Tom Amig

TITLE Operations Manager

DATE

4/13/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

WORKOVER REPORT

Arco State #36-8
 Sec. 36-T15-1/2S-R24E
 Grand County, Utah

11-21-87 - PO: Kill well, tag bottom. MI rig, pump, tank, BOP's and RU. Received 320 sx Kcl at plant, move 40 sx Kcl and 20 jts tbng to location from plant, 1 frac tank on location.

DC: \$300

CC: \$300

11-22-87 - PO: Cleaning out hole, csng pressure this a.m. 320 psig. Mixed 140 bbls 3% Kcl, pump 40 bbls down csng, 10 down tbng to kill well. ND tree, NU BOP, PU 3 jts 2-3/8" tbng, tag fill @ 6955'. POOH found last jt tbng with 1/2" hole 5.31' from top collar, tbng was sand cut. PU sand bailer, RIH, clean out about 70', pull 4 stands, SDFN

DC: \$1,370

CC: \$1,670

11-23-87 - PO: Clean out from 7152'. Mix 100 bbls 3% Kcl, TIH and tag 6972', about 30' fill. Bailer plugged, POOH, recovered 65' sand in tbng, RIH clean out to 7152', POOH clean out 12 stands, makeup bailer, RIH with 50 stands, SDFN. Top valve on 1st bailer run 20 stands from bottom, 2nd run 12 stands from bottom, 3rd run 12 stands from bottom.

DC: \$1,528

CC: \$3,198

11-24-87 - PO: Run correlation log, prepare to perf. RIH tag sand @ 7127', pump 20 bbls 3% Kcl, clean out 7127'-7273', POOH clean bailer, RIH clean out to 7349', bailer stopped, bottom was hard, POOH clean out sand, LD bailer, 10 frac balls and rubber in bailer, SDFN. Tbnng nearly to location.

DC: \$2,495

CC: \$5,293

WORKOVER REPORT

Arco State #36-8
Sec. 36-T15-1/2S-R24E
Grand County, Utah

11-25-87 - PO: Finish RIH with pkr and RBP. RU Dyna-Jet, run gamma ray collar log 7349-6650', perf @ 7280-7290', 11 holes, 7045-7047', 3 holes, 6974-6979', 6 holes, 6914-6925', 12 holes, 6865-6867', 3 holes, Run 4.15" OD gauge ring to 7349', RD wireline unit, PU RBP & pkr, TIH to 4560' while picking up 2-3/8" EUE N-80 workstring. SDFN

DC: \$5,276
CC: \$10,969

11-25-87 - PO: SDF Holiday. Finish TIH, set RBP @ 7319' & pkr @ 7221', RU Dowell & fill tbng with 23 bbls 3% KCl water. RD @ 4200 psig, pump 2-1/2 bbls/min @ 2900 psig, pump 500 gallons HCl with inhibitor, clay stabilizer, non-ionic surfactant & iron sequestering agent and 20 ball sealers, displace acid with 21 bbls 3% KCl water & balled off @ 500 psig, surge balls off & displace remaining acid with 8 bbls 3% KCl water, rate 2-3/4 bbls/min @ 2900 psig, ISIP 1710 psigm 5 min. 310 psig, 10 min. - psig, RD Dowell, RU to swab, swab back 356 bbls fluid and tbng dry, wait 1 hour rec. 1 bbls, wait 1 hour rec. 1/4 bbl, total load fluid 63 bbls, total recovered 36 bbls, total to recover 27 bbls, small gas blow (TSTM), SDFN.

DC: \$8,285
CC: \$19,254

11-26-87 - SDF Holiday

11-27-87 - PO: Prepare to frac., SDF holiday.

11-28-87 - PO: Try to free up pkr. 11/27/87 tbng 190 psig, FL 6200', swab 4 bbls in 2 runs, small flow of gas (TSTM), RU Dowell to frac, frac as follows:

9000 gals 75% quality foam 10 BPM as pad

3000 gals 75% quality foam 10 BPM as pad with 1#/gal
20/40 sand

5000 gals 75% quality foam 10 BPM as pad with 2#/gal
20/40 sand

840 gals 75% quality foam 10 BPM as pad with 3#/gal
20/40 sand

WORKOVER REPORT

Arco State #36-8
Sec. 36-T15-1/2S-R24E
Grand County, Utah

11-28-87 - Continued

tbng increase to 8000 psig, flushed well, had communication between tbng and annulus, SD, SICP 1300 psig, SITP 1900 psig, RU 28/64" choke, flow to pit, max. pressure 8630 psig during frac, ISIP 4350 psig, avg. 7200 psig, air 10 BPM 75% quality foam, pump 15,000# 20/40 sand before screening out. 6 a.m. well nearly dead, 0# tbng, 0# csng, well flowing slight amount and burns.

DC: \$18,517

CC: \$37,771

11-29-87 - PO: Running free point. Remove tree try to unseat pkr, move approx. 1', pump 40 bbls 3% Kcl water down tbng and work pipe, pump 15 bbls 3% Kcl down csng & had slight blow on tbng, well on vacuum, work tbng & try to free while waiting on McCullough, N2 truck stuck in road, could not get wireline truck to location, SDFN N2 truck out at 7 p.m.

DC: \$2,769

CC: \$45,040

11-30-87 - PO: RU to clean out. RU McCullough, run free point on tbng, tbng stuck @ 6761', free @ 6762', pkr located @ 7221', tbng plugged @ 6922', run chemical cutter, cut tbng @ 6744', POOH with tbng & found split jt @ 5146', PU 4980' 3-3/4" OD x 3-1/4" ID wash pipe, jars, bumper sub, crossovers, total 512', RIH with tbng & tag fill @ 6750', pull 4 stands, SDFN

DC: \$5,806

CC: \$46,346

12-01-87 - PO: Was over tbng with foam N2. RU stripper head, run 4 stands tbng, tag @ 6750', RU Dowell & start to circ water & sand with foam N2, circ & cleanout to 6768', 18', stop making hole, hit collar on tbng, blew rubber on stripper head, SD, bleed off pressure, replace rubber & RU rig pump, circ with 3% Kcl water, rotate & work pipe to get past tight spot, circ & cleanout to 6925', started slowly loosening circ on last jt, lost 12 bbls, pull 3 jts tbng, SDFN

DC: \$2,684

CC: \$49,030

WORKOVER REPORT

Arco State #36-8
Sec. 36-T15-1/2S-R24E
Grand County, Utah

12-02-87 - PO: POOH with washover pipe. Ran 3 jts of tbng & tag fill @ 6925', RU Dowell and clean out with foamed N2 from 6925' to pkr at 7221', circ clean, blow down pressure & pull stands, SDFN

DC: \$10,010

CC: \$59,040

12-03-87 - PO: Fishing. POOH with tbng & LD wash pipe, WO x-over sub & PU overshot, bumper sub, jars & 6 3-1/8" DC, RIH with 106 stands of tbng and latch onto fish. Pull pkr up hole about 6' & stuck again. Jar on fish for 1-1/2 hrs tripping jars @ 65,000#, SDFN. Jar down & moved pkr down about 1', could not free up, unlatch from fish & pull tbng.

DC: \$2,914

CC: \$61,954

12-04-87 - PO: Fishing. RIH with wash pipe to clean out. Jar down & up on pkr with no movement, release overshot & POOH with tools. PU outside cutter & RIH with 245' 3-3/4" x 3-1/4" wash pipe, 109 stands and 1 single of 2-3/8" tbng. Pull up to tbng collar and cut tbng. POOH, recover 236' of 2-3/8" tbng. SDFN

DC: \$5,390

CC: \$67,344

12-05-87 - PO: Prepare to clean out well, snowing, raining, bad roads. TIH with 280' 3-3/4" x 3-1/4" wash pipe, bumper sub, and jars totaling 303', 112 stands of 2-3/8" tbng. Tag tbng stub @ 6980' and fill @ 7188'. RU Haliburton N2 service and pressure up to 1400 psig. Formation taking N2, pull 18 stands tbng and circ with 825 psig. Ran out of N2. SI well with 600 psig, SDFN

DC: \$18,242

CC: \$85,586

12-06-87 - PO: Prepare to clean out pkr. Snowing hard this a.m., Dowell equipment arrived at top of hill, bad road conditions, plowing road and trying to remove ice., WO towing equipment, SD due to weather.

WORKOVER REPORT

Arco State #36-8
Sec. 36-T15-1/2S-R24E
Grand County, Utah

12-07-87 - PO: TOH to PU fishing tools. Clean off road and move Dowell to location, tbng 545 psig, tbng blew down along with csng. Run 9 stands of tbng and clean out with foamed N2. PU 1 single and tag pkr. Pkr acted like it moved down hole 6'. Circ and work washover pipe on pkr for 35 min. Spotted 40 bbls 3% Kcl water down csng after N2 and annulus dead. Tbnng died shortly thereafter. Pulled 7 stands and one single. SDFN, max. circ pressure 1200 psig, unloaded wtr and sand in foam.

DC: \$2,152
CC: \$87,738

12-08-87 - PO: Jarring on fish. Finish trip & stand back washover pipe. Makeup overshot, bumper sub and jars. Run 4 3-1/8" DC, accellerator sub, 2 3-1/8" DC and 111 stands of 2-3/8" tbng. Latch onto fish and try to work free. Jar on fish for 5-1/2 hrs, moved pkr up about 5-6', moving very slowly, continued snowing, SDFD

DC: \$3,375
CC: \$91,113

12-09-87 - PO: Jarring on fish. Jar on fish & moved fish up hole about 40'. Break off jt & work pkr up hole. Moving very slowly. Work fish until about 2:00. Fish stuck tight. Pump 10 bbls Kcl water down annulus and moved fish. Work fish and very tight. Pump another 20 bbls of Kcl water & work fish. Pump another 20 bbls of Kcl water & filled annulus up. Work pkr & move up hole. Move fish a total of 70'. Fish @ 7146'. SDFN

DC: \$6,516
CC: \$97,629

12-10-87 - PO: TIH to clean out and fish. Jar on fish and fish nearly unstuck. Pump 40 bbls 3% Kcl water down annulus. Jar on fish for 3 hrs. and move fish up hole about 15'. Fish began moving easier and jars knocked tbng free. POOH and found fish broken off on 7th jt of 2-3/8" tbng below overshot. Left pkr, 1 jt 2-3/8" tbng, and 4' broken off 2-3/8" tbng stub. Ruined all 7 jts tbng. Break out and LD tbng, washover pipe & fishing tools, PU 27' jt pf 3-3/4" x 3-1/4" washover pipe with washover shoe, overshot, bumper sub, jars 4 3-1/8" drill collars, accelerator sub, 2 3-1/8" drill collars and RIH with 60 stands of 2-3/8" tbng. SDFN. Tbnng stub on pkr is 34' and pakr moved freely down hole. Indications are that sand is above pkr and stub. Plan to clean out sand with foamed N2 and latch onto fish. Overshot has mill and will catch tube.

DC: \$3,707
CC: \$101,336

DRILLING REPORT

Arco State #36-8
Sec. 36-T15-1/2S-R24E
Grand County, Utah

12-11-87 - Check fluid level w/ swab - no fluid. Run 25 std & chk fluid level. Swab about 600 ft. Run 20 stds and RU to swab. Swab well down to 6000' and RU to swab. Pick up stripping head, hook up N2 trucks and unload hole at 1600 psig w/ 7400 scf of N2 at 1120 psig, and used 45,000 scf N2. Cleaned out sand. Fish and could not get over fish. Stacked out full string weight. Pick up and pull about 5000# over string weight. Came free, work up and down, free. Went down an additional 6'. Pulled 20' and try to set packed. No success. Lots of torque. Lay down single and pull 2 stds - try to reset packer again - unsuccessful. Still lots of torque. Pull & stands. SDFN. Shut-in tubing and left casing open.

DC: \$6508
CC: \$107,844

12-12-87 - Finish trip out and did not have fish. Change tools and replace washover. Show with cut lip guide and add 42" extension to overshot. RI hole w/ 112 stds and one single. PU 2 singles and tag fish. WO fish and fish moving down hole. Stack out on fish and try to catch. Dragging about 4000 psig over string wt. Acts like sand. Rig up N2 truck and try to circulate hole. Formation began taking N2 at 1400 psig. Pressure declined to 1190 psig. Pump 100,000 scf of N2 and sand. Work pipe and unable to catch fish. Blow down nitrogen from casing and work pipe. Well kicked off and began flowing water and sand. Fishing string stuck, and jars quit working. Work pipe and pull one stand. Fishin string broke. Work free and pull out. Hole with well flowin strong. Did not recover packer. Save blind rams and left well flowing to 1 ft wide. Open 2" pipe at 40 psig. Flow 24 hrs. Est rate 500+ MCFD.

DC: \$7786
CC:

12-13-87 - Flowing well to pit. Flowing at 30 psig. Flow 24 hrs. Estimated rate: 500+ MCFD.

DC: \$300
CC: \$115,930

DRILLING REPORT

Arco State #36-8
Sec. 36-T15 1/2S-R24E
Grand County, Utah

12-14-87 - Flow well to fit on 12/13/87. Flowing wide open at 30 psig. Shut-in well for 30 minutes while thawing out gauge and needle valve. Pressure increased to 150 psig. Gas burns good. Opened well up and left flowing. Flowing good. Well dead this a.m. Will swab and kick off to run production log.

12-15-87 - Well dead. Shut-in and RU McCullough to run a spinner and temperature survey. Tool failed on first run. PO and prepare to run tubing and swab. Blow well down and well kicked off. Run spinner survey and found no fluid entry from below packer. Found sand depth at 7182 ft. Lower perforations of upper set at 7047'. Well dead. SI for 1 1/2 hrs and pressure built up to 110 psig. Blow down and well kicked off. Spinner survey indicated gas entry from perforations above. Rig down. McCullough and SDFN. Shut well in and plan to move rig to Arco State #36-7. Will install blast joint in wellhead and land tubing at 6400 ft.

DC: \$5293
CC:

12-17-87 - Flow line to pit frozen. Casing pressure 340 psig. Blow down well and well flowing. Pull and lay down 68 jts of 2 3/8" N-80 work string. Run in hole with 2 3/8" J-55 production tubing and land and 6506'. Install blast nipple in wellhead and flange up tree. Seating nipple and notched collar on bottom. Plan to flow well up tubing in a.m. Will swab if necessary. Rig down, and move out.

DC: \$2185
CC:

12-18-87 - RD. Move out. 2 3/8 J-55 EUE tbg. Landed at 6544.03 w/ 3' blast joint in well head. Tubing detail:
Blast jt. 3' 210 jts 2 3/8"
J-55 EUE 2 3/8" tbg 6527.93
Seating nipple notched collar 1.1 total 6527.93
KB measurement 12.0 ft.
Landed at 6544.03

Open well to atmosphere at 1:30 p.m. SITP 340 psig. SICP 340. Tbg - blew down immediately to 1 psig. Csg slowly dropped to 240 psig. Well began flowing in fine mist after 30 min. Let flow 3 hrs & shut in. Well flowing medium to heavy mist. Csg pressure 250 psig. Tbg 0.

DC: \$1465

12-19-87 - Well producing. Final report.

Arco State #36-8

PRODUCTION REPORT

1-7-88 - 1-27-88

| | | | | | | |
|------|--------------------------------------|-----|------|--------|----|-------------------|
| 1-7 | 2.0 | 4.4 | .054 | 510 | 6 | Flow Line Freeze |
| 1-8 | Shut in | | | | | |
| 1-9 | Shut in | | | | | |
| 1-10 | 2.0 | 4.2 | .206 | 540 | 24 | |
| 1-11 | 1.8 | 4.4 | .194 | 520 | 24 | |
| 1-12 | 1.8 | 4.4 | .194 | 500 | 24 | |
| 1-13 | 1.8 | 4.4 | .190 | 420 | 24 | |
| 1-14 | 3.2 | 4.2 | .300 | 340csg | 24 | |
| | | | | 140tbg | 24 | |
| 1-15 | 3.0 | 4.3 | .052 | 320csg | 8 | Shut in today |
| | | | | 140tbg | | |
| 1-16 | Shut in to put soap stick down hole. | | | | | |
| 1-17 | 2.0 | 5.9 | .113 | 390csg | 24 | Blew well |
| | | | | 200tbg | | |
| 1-18 | 1.0 | 4.3 | .105 | 230csg | 24 | |
| | | | | 160tbg | | |
| 1-19 | .05 | 4.3 | .010 | 330csg | 24 | |
| | | | | 160tbg | | |
| 1-20 | Shut in | | | | | |
| 1-21 | Shut in | | | | | |
| 1-22 | 1.0 | 4.3 | .105 | 320csg | 24 | |
| | | | | 210tbg | | |
| 1-23 | 1.0 | 4.3 | .105 | 320csg | 24 | |
| | | | | 180tbg | | |
| 1-24 | 1.0 | 4.3 | .105 | 320csg | 24 | Need plate change |
| | | | | 180tbg | | |
| 1-25 | 1.2 | 4.2 | .106 | 320csg | 24 | |
| | | | | 170tbg | | |
| 1-26 | 2.5 | 4.2 | .120 | 340csg | | Blew well |
| | | | | 180tbg | | |
| 1-27 | 2.0 | 4.3 | .108 | 340csg | 24 | |
| | | | | 180tbg | | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. |
| 2. NAME OF OPERATOR Graham Royalty, Ltd. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR 1675 Larimer Street, Suite 400, Denver, Colorado 80202 | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface | | 8. FARM OR LEASE NAME |
| 14. PERMIT NO. | | 9. WELL NO. |
| 15. ELEVATIONS (Show whether OF, AT, OR, etc.) | | 10. FIELD AND POOL, OR WILDCAT |
| DIVISION OF OIL, GAS & MINING | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| | | 12. COUNTY OR PARISH 13. STATE |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

SUBSEQUENT REPORT OF:

| | |
|---|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <u>Change of Operator</u> <input checked="" type="checkbox"/> | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1989 Graham Royalty, Ltd. took over as operator from Birch Corporation on various wells in the San Arroyo Field.

The attached Exhibit shows a list of wells and their location.

18. I hereby certify that the foregoing is true and correct

SIGNED Wilbur L. Doyer

TITLE Vice President

DATE April 25, 1989

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

| | | | | |
|------------|----|--------------|-----------------------|---------------|
| San Arroyo | 1 | Entrada Unit | SE NW Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 2 | Entrada Unit | SE NW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 3 | Entrada Unit | SE NW Sec. 23-16S-25E | Grand Co., UT |
| San Arroyo | 5 | Entrada Unit | NW SE Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 6 | Entrada Unit | SW NE Sec. 21-16S-25E | Grand Co., UT |
| San Arroyo | 40 | Entrada Unit | NW NE Sec. 27-16S-25E | Grand Co., UT |

| | | | | |
|------------|-----|-------------|-----------------------|---------------|
| San Arroyo | 4 | Dakota Unit | SE SW Sec. 30-16S-26E | Grand Co., UT |
| San Arroyo | 8 | Dakota Unit | SW SW Sec. 16-16S-25E | Grand Co., UT |
| San Arroyo | 9 | Dakota Unit | NW NE Sec. 27-16S-25E | Grand Co., UT |
| San Arroyo | 11 | Dakota Unit | NE SW Sec. 15-16S-25E | Grand Co., UT |
| San Arroyo | 12 | Dakota Unit | SW SW Sec. 23-16S-25E | Grand Co., UT |
| San Arroyo | 13 | Dakota Unit | NE SW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 16 | Dakota Unit | SE SW Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 17 | Dakota Unit | NE NE Sec. 24-16S-25E | Grand Co., UT |
| San Arroyo | 18 | Dakota Unit | NW NW Sec. 30-16S-26E | Grand Co., UT |
| San Arroyo | 19 | Dakota Unit | SW SE Sec. 14-16S-25E | Grand Co., UT |
| San Arroyo | 20 | Dakota Unit | SE NE Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 21 | Dakota Unit | NW SE Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 22 | Dakota Unit | NE NE Sec. 15-16S-25E | Grand Co., UT |
| San Arroyo | 24 | Dakota Unit | SE NW Sec. 19-16S-25E | Grand Co., UT |
| San Arroyo | 25 | Dakota Unit | SW NE Sec. 21-16S-25E | Grand Co., UT |
| San Arroyo | 26 | Dakota Unit | SW SW Sec. 20-16S-26E | Grand Co., UT |
| San Arroyo | 27 | Dakota Unit | NE SW Sec. 29-16S-26E | Grand Co., UT |
| San Arroyo | 28 | Dakota Unit | NW NE Sec. 29-16S-26E | Grand Co., UT |
| San Arroyo | 29 | Dakota Unit | NE NE Sec. 22-16S-26E | Grand Co., UT |
| San Arroyo | 30 | Dakota Unit | NW SW Sec. 21-16S-26E | Grand Co., UT |
| San Arroyo | 31 | Dakota Unit | NW NW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 32 | Dakota Unit | SW SW Sec. 14-16S-25E | Grand Co., UT |
| San Arroyo | 33 | Dakota Unit | SW SW Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 35 | Dakota Unit | SE SW Sec. 24-16S-25E | Grand Co., UT |
| San Arroyo | 36A | Dakota Unit | SE SE Sec. 19-16S-26E | Grand Co., UT |
| San Arroyo | 37 | Dakota Unit | SW NE Sec. 20-16S-26E | Grand Co., UT |
| San Arroyo | 38 | Dakota Unit | SW NE Sec. 16-16S-25E | Grand Co., UT |

| | | |
|----------------------------|-----------------------|---------------|
| Arco Fed. 27-1 | NW SW Sec. 27-16S-25E | Grand Co., UT |
| Arco State 2-1 | NW SW Sec. 2-16S-24E | Grand Co., UT |
| Arco State 2-2 | NW SW Sec. 2-16S-24E | Grand Co., UT |
| Arco State 36-7 | NW SW Sec. 36-15S-24E | Grand Co., UT |
| Arco State 36-8 | NW SW Sec. 36-15S-24E | Grand Co., UT |
| Federal 174-1 | SE SW Sec. 11-16S-25E | Grand Co., UT |
| Bittercreek #1 | SE SW Sec. 2-16S-25E | Grand Co., UT |
| Black Horse 31-1 | SE SW Sec. 31-15S-24E | Grand Co., UT |
| Fed. Gilbert #1 | SE SW Sec. 31-15S-24E | Grand Co., UT |

↪ per Jackie Cannon from Buch, Graham Royalty does not own
 this well. JS 5/15/84

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands & Forestry, holder of lease, ML 22208 :

and hereby designates

NAME: Graham Royalty, Ltd.
ADDRESS: 1675 Larimer Street, Suite 400
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands & Forestry or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 15½ SOUTH - RANGE 24 EAST, S.L.M.

SECTION 36: ALL

*ARCO STATE 36-8
API #43-019-31192*

TOWNSHIP 16 SOUTH - RANGE 24 EAST, S.L.M.

SECTION 2: ALL
GRAND COUNTY, UTAH

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands & Forestry or his representative.

The lessee agrees promptly to notify the Division of State Lands & Forestry of any change in the designated operator.

Prudential-Bache Energy Growth Fund L.P. G-1

Prudential-Bache Energy Growth Fund L.P. G-2

By: Graham Royalty, Ltd., General Partner

By:

T. J. Burnett, Jr.
(Signature of Lessee)

T. J. Burnett, Jr.

Senior Vice President - Land

109 Northpark Blvd.

Covington, Louisiana 70433

(Address)

May 24, 1989
(Date)

June 6, 1989

RECEIVED
JUN 08 1989

DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Oil & Gas Program
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turn-around document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

C. C. Robbins
Reg. Affairs Supervisor

CCR/ng



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 5 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GRAHAM ROYALTY, LTD.
1675 LARIMER STREET
DENVER CO 80202
ATTN: CINDI ROBBINS

Utah Account No. N0505

Report Period (Month/Year) 5 / 89

Amended Report ☐

| Well Name | | | Producing Zone | Days Oper | Production Volume | | |
|--------------------|------------------|----------|-------------------|--------------|-------------------|------------|-------------|
| API Number | Entity | Location | | | Oil (BBL) | Gas (MSCF) | Water (BBL) |
| EARL GARDNER B-1 | | | | | | | |
| 4304730197 | 04539 02S 01E 9 | | WSTC | | | | |
| FEDERAL 174 #1 | | | | | | | |
| 4301915884 | 08340 16S 25E 11 | | DKTA | | | | |
| FEDERAL GILBERT #1 | | | | | | | |
| 4301911089 | 08341 16S 25E 11 | | ENRD | | | | |
| UTE TRIBAL E-1 | | | | | | | |
| 4301330068 | 08400 03S 06W 12 | | WSTC | | | | |
| UTE TRIBAL L-1 | | | | | | | |
| 4301330310 | 08402 03S 06W 23 | | GRRV | | | | |
| ARGO STATE 36-7 | | | | | | | |
| 4301931162 | 09710 15S 24E 36 | | CM-MR | | | | |
| ARGO STATE #36-8 | | | | | | | |
| 4301931192 | 09710 15S 24E 36 | | DK-MR | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TOTAL | | | | | | | |

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

MICROPHONE

COMPANY:

ARCO

36-7-43-019-31162

36-8-43-019-31192 - 15 1/2 So 14E #36

DATE:

10/29/85

TIME:

10:00a

PERSONAL CONTACT DOCUMENTATION

CONTACT:

Chris Fuhr.

CONTACT TELEPHONE NO:

1-505-325-7527

SUBJECT:

Going ahead today and rehabing pit on 36-7 and if
we hold's pit on 36-8. Gate to be installed between
36-7 & 36-8 to restrict access and key access will be
made available for Wildfire & DORM.

(Use attachments if necessary)

RESULTS

Monty Jackson - contractor out of Frisco

(Use attachments if necessary)

CONTACTED BY:

WJ

COMPANY:

ARCO

DATE:

10/23/85

TIME:

10:55a

PERSONAL CONTACT DOCUMENTATION

36-7 - 43-019-31162

36-8 - 43-019-31192

CONTACT:

Suzanne Barnes

CONTACT TELEPHONE NO:

1-303-

SUBJECT:

Production out of Farmington, NM, but passing on info to them.

Need signs on 36-7 & 36-8, Rehab pit on 36-7 if possible
& install gate on 36-7 location to prevent ready access to canyon
of 36-8

(Use attachments if necessary)

RESULTS

(Use attachments if necessary)

CONTACTED BY:

Wm

COMPANY: Div Wildlife UT ACCOUNT # _____ SUSPENSE DATE: _____

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: Clair Huff

CONTACT TELEPHONE NO.: 530-1252

SUBJECT: Arco St. 36-8 APD (43-019-31692)

Problems in wildlife habitat disturbances in
Railroad Canyon. Contact John Waza in species
Bob Nielson in Vernal (789-3103) knows species

(Use attachments if necessary)

RESULTS: _____

(Use attachments if necessary)

CONTACTED BY: WJ

DATE: 9-15-85 2:45 p

June 6, 1989

RECEIVED
JUN 08 1989

State of Utah
Natural Resources
Oil & Gas Program
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turnaround document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

C. C. Robbins
Reg. Affairs Supervisor

CCR/ng

STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 12 1990DIVISION OF
OIL, GAS & MININGDESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, Inc.256 E. North Sam Houston Parkway, Suite 250(Address)Houston, Texas 77060

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effective Date of Designation March 1, 1990Company Graham Royalty, Ltd. Phone (303) 629-1736Address 1675 Larimer Street, Suite 400Denver, Colorado 80202By Wilbur L. Dover
(Signature) Wilbur L. DoverTitle Vice President/Division Manager

NORTHSTAR GAS COMPANY

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060
(713) 820-6886

RECEIVED
APR 09 1990

DIVISION OF
OIL, GAS & MINING

April 5, 1990

Utah Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company
256 E. North Sam Houston Parkway, Suite 250
Houston, Texas 77060
713-820-6886

Thank you.

Sincerely,

Paul A. Bernard, Jr. / LR
Paul A. Bernard, Jr.
Controller

NORTHSTAR GAS COMPANY

PAB/lr
Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGPage 4 of 4

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC
GRAHAM ROYALTY LTD
15000 NW FREEWAY STE 203
HOUSTON TX 77040UTAH ACCOUNT NUMBER: N0505REPORT PERIOD (MONTH/YEAR): 6 / 93AMENDED REPORT ☐ (Highlight Changes)

| Well Name | | | Producing Zone | Well Status | Days Oper | Production Volumes | | |
|---------------------|--------|------------|----------------|-------------|-------------------------------|-----------------------------|----------|------------|
| API Number | Entity | Location | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) |
| SAN ARROYO 6 | | | | | | | | |
| ✓ 4301915889 | 00505 | 16S 25E 21 | ENRD | U-025244 | | | | |
| SAN ARROYO 1 | | | | | | | | |
| ✓ 4301916532 | 00505 | 16S 25E 26 | ENRD | U-071307 | | | | |
| SAN ARROYO UNIT #40 | | | | | | | | |
| ✓ 4301931250 | 00505 | 16S 25E 27 | ENRD | U-0370-A | | | | |
| BITTER CREEK #1 | | | | | | | | |
| ✓ 4301930047 | 00515 | 16S 25E 2 | DK-MR | ML-25151 | | | | |
| ARCO-STATE 2-1 | | | | | | | | |
| ✓ 4301930240 | 00520 | 16S 24E 2 | DKTA | ML-22208 | | | | |
| ARCO-STATE 2-2 | | | | | | | | |
| ✓ 4301930241 | 00520 | 16S 24E 2 | DKTA | ML-22208 | | | | |
| FEDERAL 174 #1 | | | | | | | | |
| ✓ 4301915884 | 08340 | 16S 25E 11 | DKTA | U-0126528 | "CA NW-115" | | | |
| FEDERAL GILBERT #1 | | | | | | | | |
| ✓ 4301911089 | 08341 | 16S 25E 11 | ENRD | U-0126528 | " CA NW-115 " | Btm/Moab NARPV eff. 1-10-94 | | |
| FEDERAL 31-1 | | | | | | | | |
| ✓ 4301730765 | 08345 | 15S 24E 31 | DKTA | U-14234 | Btm/Vernal NARPV eff. 1-10-94 | | | |
| ARCO STATE 36-7 | | | | | | | | |
| ✓ 4301931162 | 09710 | 15S 24E 36 | CM-MR | ML-22208 | | | | |
| ARCO STATE #36-8 | | | | | | | | |
| ✓ 4301931192 | 09710 | 15S 24E 36 | DK-MR | ML-22208 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| TOTALS | | | | | | | | |

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____ Telephone Number: _____

RECEIVED

JUL 16 1993

DIVISION OF
OIL, GAS & MINING

July 14, 1993

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Attached is a list of the wells affected. Thank you.

Sincerely,


Cynthia C. Robbins
Regulatory Affairs Supervisor

CC: Ken McKinney

RECEIVED

DEC 30 1993

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals (UT-922)
P.O. Box 45155
Salt Lake City, Utah 84145-0155

December 29, 1993

Graham Energy, Ltd.
P.O. Box 3134
Covington, Louisiana 70434-3134

RE: San Arroyo Unit
Grand County, Utah

Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE

| INSPECTION ITEM | API NO. | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR |
|--|----------------------------|----------------|-----------------|---------------|----------------|----------------|----------------|------------------|-----------------------------------|
| ** INSPECTION ITEM 891003859A SAN ARROYO DK MO | | | | | | | | | |
| 891003859A | ✓430191589200S1 | 11 | NESW | 15 | 16S | 25E | PGW | UTU05059C | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589300S1 | 12 | SWSW | 23 | 16S | 25E | PGW | UTSL071307 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589400S1 | 13 | NESW | 22 | 16S | 25E | GS1 | UTU0370A | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589500X1 | 14 | SWNE | 16 | 16S | 25E | ABD | STATE | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191109100S1 | 15 | NESW | 21 | 16S | 25E | TA | UTU0136529 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589600S1 | 16 | SESW | 26 | 16S | 25E | PGW | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589700S1 | 17 | NENE | 24 | 16S | 25E | PGW | UTU025243 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589800S1 | 18 | NWNW | 30 | 16S | 26E | GS1 | UTU06023 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589900S1 | 19 | SWSE | 14 | 16S | 25E | PGW | UTU05011B | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590000S1 | 20 | SENE | 26 | 16S | 25E | PGW | UTSL071307 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590100S1 | 21 | NWSE | 25 | 16S | 25E | PGW | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590200S1 | 22 | NENE | 15 | 16S | 25E | PGW | UTU05011A | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590300S1 | 24 | SENW | 19 | 16S | 26E | PGW | UTU06188 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590400S1 | 25 | SWNE | 21 | 16S | 25E | PGW | UTU0136529 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590500S1 | 26 | SWSW | 20 | 16S | 26E | PGW | UTU025297 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590600S1 | 27 | NESW | 29 | 16S | 26E | PGW | UTU06021 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590700S1 | 28 | NWNE | 29 | 16S | 26E | PGW | UTU05650 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590800S1 | 29 | NENE | 22 | 16S | 25E | PGW | UTU0370A | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191590900S1 | 30 | NWSW | 21 | 16S | 26E | PGW | UTU05650 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193052700S1 | 31 | NWNW | 22 | 16S | 25E | PGW | UTU0370A | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193052800S1 | 32 | SWSW | 14 | 16S | 25E | PGW | UTU05011B | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193060800S1 | 33 | SWSW | 25 | 16S | 25E | PGW | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191109000S1 | 35 | SESW | 24 | 16S | 25E | PGW | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193125100S1 | 36-A | SESE | 19 | 16S | 26E | PGW | UTU06188 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193125200S1 | 37 | SWNE | 20 | 16S | 26E | PGW | UTU05650 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193125300S1 | 38 | NESW | 16 | 16S | 25E | PGW | STATE | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191588700S1 | 4 | SESW | 30 | 16S | 26E | PGW | UTU06023 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193128900S1 | 41 | NENE | 36 | 16S | 25E | PGW | STATE | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193129000S1 | 42 | NESE | 30 | 16S | 26E | PGW | UTU06023 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193129100S1 | 43 | NESE | 29 | 16S | 26E | PGW | UTU06021 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193130100S1 | 44 | SENE | 30 | 16S | 26E | PGW | UTU06023 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193129900S1 | 45 | NWSE | 20 | 16S | 26E | PGW | UTU05650 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193131800S1 | 47 | NENE | 31 | 16S | 26E | PGW | U06023 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430193131600S1 | 49 | NENW | 29 | 16S | 26E | PGW | UTU025245 | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589000S1 | 8 | SWSW | 16 | 16S | 25E | PGW | STATE | GRAHAM ROYALTY LIMITED |
| 891003859A | ✓430191589100S1 | 9 | NWNE | 27 | 16S | 25E | PGW | UTU0370A | GRAHAM ROYALTY LIMITED |
| ** INSPECTION ITEM 891003859B SAN ARROYO EN | | | | | | | | | |
| 891003859B | ✓430191653200S1 | 1 | SENW | 26 | 16S | 25E | PGW | UTSL071307 | GRAHAM ROYALTY LIMITED |
| 891003859B | ✓430191588500S1 | 2 | SENW | 22 | 16S | 25E | PGW | UTU0370A | GRAHAM ROYALTY LIMITED |
| 891003859B | ✓430191588600S1 | 3 | SENW | 23 | 16S | 25E | GS1 | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859B | ✓430193125000S1 | 40 | NWNE | 27 | 16S | 25E | PGW | UTU0370A | GRAHAM ROYALTY LIMITED |
| 891003859B | ✓430191588800S1 | 5 | NWSE | 25 | 16S | 25E | PGW | UTU0369 | GRAHAM ROYALTY LIMITED |
| 891003859B | ✓430191588900S1 | 6 | SWNE | 21 | 16S | 25E | PGW | UTU0136529 | GRAHAM ROYALTY LIMITED |

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense☒ Other

(Return Date) _____

Operator Change

(Location) Sec _____ Twp _____ Rng _____

(To - Initials) _____

(API No.) _____

1. Date of Phone Call: 12-9-93 Time: 3:002. DOGM Employee (name) P. Cordova (Initiated Call ☒
Talked to:Name Ken McKinney (Initiated Call ☐ - Phone No. (504) 893-8391of (Company/Organization) Graham Royalty / Graham Energy3. Topic of Conversation: Oper. nm. chg. "Graham Royalty to Graham Energy"

4. Highlights of Conversation: _____

Add'l info. required by Btms. I. "San Arroyo Unit", also Graham
Energy has sold the wells to Northstar Gas Co. Inc. Documentation
will follow.* Northstar Gas Co. Inc. / Paul Bernard (713) 937-4314Mailing documentation ASAP.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
Operator Change

(Location) Sec _____ Twp _____ Rng _____

(API No.) _____

1. Date of Phone Call: 7-19-93 - Time: 3:002. DOGM Employee (name) L. Cordova (Initiated Call ☒
Talked to:Name Cynthia Robbins (Initiated Call ☐ - Phone No. (303) 629-1736
of (Company/Organization) Graham3. Topic of Conversation: Confirm address for Graham Energy LTD.

4. Highlights of Conversation: _____

Agent "Northstar Gas Co. Inc." is to remain the same as is Houston
mailing address. Change address for Graham Energy LTD from
LA to TX. (updated 7-22-93)* 931116 - Linda Goldsby "Graham" referred to Bm /S.Y.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

ML-222208

7. Indian Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

8. Unit or Communitization Agreement

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other (specify)

9. Well Name and Number

SEE BELOW

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

10. API Well Number

SEE BELOW

3. Address of Operator 15000 NORTHWEST FWY, SUITE 203
HOUSTON TX 77040

4. Telephone Number

713-937-4314

11. Field and Pool, or Wildcat

5. Location of Well

Footage :

County : GRAND

QQ, Sec. T., R., M. :

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | |

Approximate Date Work Will Start

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | CHANGE OF OPERATOR |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NORTHSTAR GAS COMPANY INC. TOOK OVER AS OPERATOR FROM GRAHAM ROYALTY LTD.
ON 09-01-93 WITH THE EFFECTIVE DATE OF SALE 09-01-93.

| Well Name | API # | Location |
|-----------------|------------|------------|
| ARCO STATE 2-1 | 4301930240 | 16S 24E 2 |
| ARCO STATE 2-2 | 4301930241 | 16S 24E 2 |
| ARCO STATE 36-7 | 4301931162 | 15S 24E 36 |
| ARCO STATE 36-8 | 4301931192 | 15S 24E 36 |

14. I hereby certify that the foregoing is true and correct

Name & Signature PAUL BERNARD

Title SEC/TREAS

Date 12-20-93

(State Use Only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

| | |
|-------|--------|
| 1-LEC | 7-SJV |
| 2-DTS | 8-FILE |
| 3-VLC | |
| 4-RJE | V |
| 5-ELC | |
| 6-FL | |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-93)

TO (new operator) GRAHAM ENERGY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N 7590

FROM (former operator) GRAHAM ROYALTY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N0505(A)

Well(s) (attach additional page if needed):

***SAN ARROYO UNIT, NW-115, ETC.**

| | | | | | | |
|------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name **SEE ATTACHED** | API: <u>019-31192</u> | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-16-93)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). The Graham Royalty, LTD, Graham Energy, LTD and Graham Resources Inc.
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #100783.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-10-94)
- Lee 6. Cardex file has been updated for each well listed above. (1-10-94)
- Lee 7. Well file labels have been updated for each well listed above. (1-10-94)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-10-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * 50,000 Surety * St. Paul Fire and Marine Ins. Co; No chg. necessary, no Fee wells currently associated with bond.

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- lec 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: March 10 1994.

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940107 Bfm/S.Y. Approved C.A. NW-115 and San Arroyo Unit eff. 12-29-93.

Speed Letter®

To Ed Bonner

From Don Staley

State Lands

Oil, Gas and Mining

Subject Operator Change

— No. 9 & 10 FOLD

MESSAGE

Date

4/14

19

94

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: GRAHAM ENERGY LTD. (N 7570)

New Operator : NORTHSTAR GAS CO. (N 6680)

Well:

API:

Entity:

S-T-R:

FEDERAL 174-1

43-019-15884

02340

11-165-25E

BITTER CREEK 1

30047

00515

2-165-25E

ARCO STATE 2-1

30240

00520

2-165-24E

ARCO STATE 2-2

30241

00520

2-165-24E

ARCO STATE 36-7

31162

09710

36-155-24E

ARCO STATE 36-8

31172

09710

36-155-24E

— No. 9 FOLD

— No. 10 FOLD

CC: Operator File

Signed

Don Staley

REPLY

Date

19

— No. 9 & 10 FOLD

Signed

Filed 4-11-94

S. E. U. T. CO.

Accommodation Recording
Not Examined

**ASSIGNMENT, BILL OF SALE
AND CONVEYANCE**

Entry No. **429639**
Recorded 10-22-93 2 36 PM
Bk 457 Pg. 83 Fee 80.00
96
Marlene Mosher
Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HERewith TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMF)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS," "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY LIABILITY ARISING IN CONNECTION WITH ANY PRESENCE OR ENVIRONMENTAL CONDITIONS, NORM OR MMMF ON THE OIL AND GAS PROPERTIES.

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

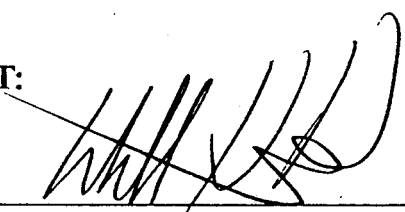
Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

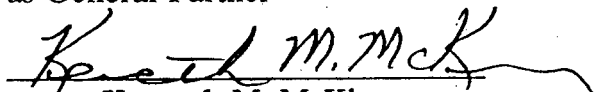
ASSIGNORS:

PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-1

ATTEST:

By: 

By: Graham Energy, Ltd.,
as General Partner

By: 
Kenneth M. McKinney
Vice President

[SEAL]

PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-2

ATTEST:

By: _____

By: Graham Energy, Ltd., as
General Partner

By: _____

Kenneth M. McKinney
Vice President

[SEAL]

WITNESSES TO ASSIGNORS'
SIGNATURES:

Mina E. Merc

Belinda J. Hertz

ATTEST:

By: _____

ASSIGNEE:

NORTHSTAR GAS COMPANY, INC.

By: _____

O. J. King
Vice President

[SEAL]

WITNESSES TO ASSIGNEE'S
SIGNATURE:

Mina E. Merc

Belinda J. Hertz

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

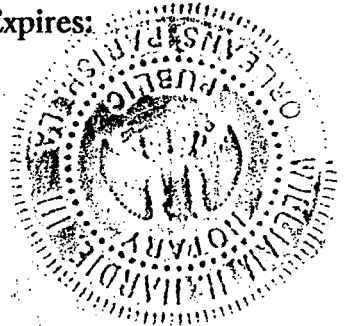


NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

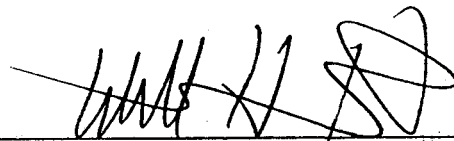


STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires 

WILLIAM H. HARDIE, II
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

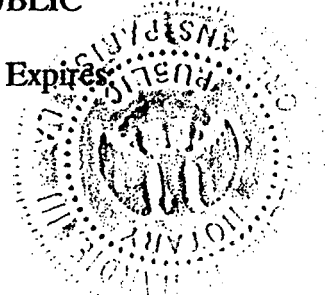


EXHIBIT "A"
ATTACHED TO ASSIGNMENT,
BILL OF SALE AND CONVEYANCE
PART I
LANDS AND LEASES
ALL IN GRAND COUNTY, UTAH UNLESS OTHERWISE SPECIFIED

| Lease Serial Number | Lessor | Lessee | Description of Lands | Book | Page | Lease Date | Associated Properties |
|------------------------|---------------|-------------------------------|---|------|------|-------------------|--|
| ML-22208 (1038) | State of Utah | Atlantic Richfield Company | T15 1/2S, R24E, SLM Sec. 36: All T16S, R24E, SLM Sec. 2: All | 220 | 177 | 9-28-64 | ARCO State 2-1, 2-2, 36-7, 36-8 |
| U-29645 (1174) | U.S.A. | Atlantic Richfield Company | T16S, R25E, SLM Sec. 27: SW/4, S/2 SE/4 Sec. 34: NE/4, NE/4 NW/4, NE/4 SE/4 | | | 5-1-75 | ARCO 27-1 Valentine Fed #2 ARCO Fed D-1 |
| ML-25151 (191-1) | State of Utah | Sinclair Oil & Gas Company | T16S, R25E, SLM Section 2: All | 163 | 390 | 3-7-68 | Bittercreek #1 |
| J-0126528 (174-1) | U.S.A. | James F. Gilbert | T16S, R25E, SLM Sec. 11: N/2, N/2 SW/4, SE/4 SW/4, SE/4 Sec. 12: S/2 | | | 12-1-63 | Federal Gilbert #1 Federal 174-1 ARCO Fed H-1 |
| U-0141420 (180-1) | U.S.A. | Sinclair Oil Company | T16S, R25E, SLM Sec. 11: SW/4 SW/4 | | | 8-1-64 | Federal 174-1 |
| ML-4113 (44-1) | State of Utah | Lois A. Aubrey | T16S, R25E, SLM Sec. 16: All | 6-Q | 207 | 1-2-52 | San Arroyo Unit Area |
| U-05011-A (45-2) | U.S.A. | Pierce T. Norton | T16S, R25E, SLM Sec. 14: NW/4, SE/4 SE/4, N/2 SE/4, NE/4 SW/4 Sec. 15: NE/4 | | | 9-1-51 *4-1-55 | Tenneco Fed 14-2 San Arroyo Unit Area |

Lease Segregated Effective

EXHIBIT "A"

PART I

| Lease Serial Number | Lessor | Lessee | Description of Lands | Book | Page | Lease Date | Associated Properties |
|------------------------|--------|-------------------|--|------|------|---------------------|--------------------------|
| U-0369 (46-1) | U.S.A. | Clair D. Jones | T16S, R25E, SLM Sec. 23: N/2 Sec. 24: W/2, SE/4, S/2 NE/4 Sec. 25: All Sec. 26: N/2 S/2, SE/4 SW/4, S/2 SE/4 | | | 2-1-51 | San Arroyo Unit Area |
| SL-071307 (47-1) | U.S.A. | James E. Croudace | T16S, R25E, SLM Sec. 23: S/2 Sec. 26: N/2 | | | 12-1-50 | San Arroyo Unit Area |
| U-0370-A (48-1) | U.S.A. | Clair D. Jones | T16S, R25E, SLM Sec. 21: E/2 NE/4, NE/4 SE/4 Sec. 22: All Sec. 27: NE/4, NE/4 NW/4, NE/4 SE/4 | | | 2-1-51 *6-1-55 | San Arroyo Unit Area |
| U-05059-A (49-2) | U.S.A. | L. J. Batchelor | T16S, R25E, SLM Sec. 15: NW/4 SW/4, E/2 NW/4, SW/4 NW/4 | | | 10-1-51 *9-19-61 | San Arroyo Unit Area |
| U-06021 (51-1) | U.S.A. | Fred A. Moore | T16S, R26E, SLM Sec. 29: S/2, S/2 NW/4, NW/4 NW/4 | | | 2-1-52 | San Arroyo Unit Area |
| U-06023 (52-1) | U.S.A. | Adiel E. Stewart | T16S, R26E, SLM Sec. 30: All Sec. 31: N/2 N/2 | | | 2-1-52 | San Arroyo Unit Area |
| U-06188 (53-1) | U.S.A. | C. M. Rood | T16S, R26E, SLM Sec. 19: SW/4, S/2 NW/4, W/2 SE/4, SE/4 SE/4 | | | *3-1-52 | San Arroyo Unit Area |

Lease Segregated Effective

EXHIBIT "A"
PART I

| Lease Serial Number | Lessor | Lessee | Description of Lands | Book | Page | Lease Date | Associated Properties |
|--------------------------------|---------------|-----------------------------|--|-------------|-------------|-----------------------|----------------------------------|
| U-05011-B (56-1) | U.S.A. | Pierce T. Norton | T16S, R25E, SLM Sec. 14: SW/4 SE/4, W/2 SW/4, SE/4 SW/4 Sec. 15: SE/4 | | | 9-1-51 *2-1-57 | San Arroyo Unit Area |
| U-05059-C (57-1) | U.S.A. | L. J. Batchelor | T16S, R25E, SLM Sec. 15: E/2 SW/4, SW/4 SW/4 | | | *3-1-57 | San Arroyo Unit Area |
| U-025243 (60-1) | U.S.A. | Clair D. Jones | T16S, R25E, SLM Sec. 24: N/2 NE/4 | | | *8-27-57 | San Arroyo Unit Area |
| U-025245 (61-1) | U.S.A. | Fred A. Moore | T16S, R26E, SLM Sec. 29: NE/4 NW/4 | | | 2-1-52 *9-1-57 | San Arroyo Unit Area |
| U-025297 (64-2) | U.S.A. | C. M. Rood | T16S, R26E, SLM Sec. 19: N/2 N/2 S/2 NE/4, NE/4 SE/4 Sec. 20: W/2 | | | 3-1-52 | San Arroyo Unit Area |
| U-06188-B (74-1) | U.S.A. | Sinclair Oil Corporation | T16S, R25E, SLM Sec. 35: N/2 | | | 3-1-52 | San Arroyo Unit Area |
| U-05059-F (134-1) | U.S.A. | L. J. Batchelor | T16S, R25E, SLM Sec. 15: NW/4 NW/4 | | | 10-1-51 *9-19-61 | San Arroyo Unit Area |
| U-025243-A (139-1) | U.S.A. | Clair D. Jones | T16S, R25E, SLM Sec. 26: SW/4 SW/4 | | | 2-1-51 *1-1-61 | San Arroyo Unit Area |
| U-05650 (176-1) | U.S.A. | Virginia E. Lewis | T16S, R26E, SLM Sec. 21: Lots 2, 3, 4, W/2 W/2 Sec. 20: E/2 Sec. 28: Lots 1, 2, 3, 4 W/2 W/2 Sec. 29: NE/4 | | | 12-1-51 | San Arroyo Unit Area |

Lease Segregated Effective

EXHIBIT "A"
PART I

| Lease Serial Number | Lessor | Lessee | Description of Lands | Book | Page | Lease Date | Associated Properties |
|--------------------------------|---------------|---|---|-------------|-------------|-----------------------|---------------------------------------|
| U-0136529 (4000-1) | U.S.A. | Clair D. Jones | T16S, R25E, S1M Sec. 21: W/2 NE/4, E/2 NW/4, W/2 SE/4, SE/4 SE/4, NE/4 SW/4, Sec. 27: W/2 NW/4, SE/4 NW/4, NW/4 SE/4 Sec. 28: NE/4 NE/4 | | | 2-1-51 *1-22-64 | San Arroyo Unit Area |
| U-05650-A (177-1) | U.S.A. | Virginia E. Lewis | T16S, R26E, S1M Sec. 21: Lot 1 | | | 12-1-51 *10-1-61 | San Arroyo Unit Area |
| U-9831 (949) | U.S.A. | Williams H. Short, Jr. and Franklin Knobel | T16S, R25E, S1M INsofar AND ONLY INsofar as said lease covers: Sec. 6: All | | | 10-10-69 | ARCO Fed B-1 |
| U-14234 | U.S.A. | Arthur E. Mainhart | T15S, R24E, S1M Sec. 30: All Sec. 31: All Utah Co., UT | | | 4-1-71 | Black Horse Canyon Federal 31-1 |

Lease Segregated Effective

EXHIBIT A
Attached to Assignment,
Bill of Sale and Conveyance

Part II

[OMITTED]

EXHIBIT A
ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE
PART III
CONTRACTS AND AGREEMENTS

**PROPERTY
REFERENCE**

- | | |
|--|--|
| San Arroyo Unit Area | 1. Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956. |
| San Arroyo Unit Area | 2. Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961. |
| Valentine Fed #2 | 3. Communitization Agreement covering the W $\frac{1}{2}$ of Section 34, T16S-R25E. |
| ARCO Fed. D-1 | 4. Communitization Agreement covering the E $\frac{1}{2}$ of Section 34, T16S-R25E. |
| Fed. 174-1 | 5. Communitization Agreement, dated March 3, 1965 covering the W $\frac{1}{2}$ Section 11, T16S-R25E. |
| Tenneco Fed. 14-2 | 6. Communitization Agreement dated January 1, 1980, covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| Tenneco Fed. 14-2 | 7. Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| ARCO Fed. H-1 Fed. D-1 | 8. Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S $\frac{1}{2}$ Section 12, T16S-R25E. |
| San Arroyo Unit Area | 9. Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E. |
| ARCO Fed. B-1, Fed. C-1; Valentine Fed. #2 | 10. Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the N $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$ and S $\frac{1}{4}$ N $\frac{1}{4}$ of Section 35, T16S-R25E. |

EXHIBIT "A"
 ATTACHED TO AND MADE A PART OF THE
 ASSIGNMENT, BILL OF SALE AND CONVEYANCE
 PART IV
 INTEREST IN PROPERTIES AND WELLS

PAGE 1

| PROPERTY NAME | COUNTY | STATE | OPERATOR | WORKING INTEREST DECIMAL | NET REVENUE INTEREST DECIMAL | OVERRIDING ROYALTY INTEREST DECIMAL |
|--------------------|--------|-------|-----------|--------------------------------|---------------------------------------|--|
| ARCO STATE #2-1 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| ARCO STATE #2-2 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| ARCO STATE #36-7 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| ARCO STATE #36-8 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| ARCO STATE #27-1 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| VALENTINE FED. #2 | GRAND | UTAH | LONE MIN. | 0.043750000 | 0.038281200 | |
| FEDERAL 174 #1 | GRAND | UTAH | URI | 1.000000000 | 0.848750000 | |
| BITTERCREEK #1 | GRAND | UTAH | URI | 1.000000000 | 0.875000000 | |
| ARCO FEDERAL #B-1 | GRAND | UTAH | LONE MIN. | 0.000000000 | 0.000000000 | 0.125000000 |
| ARCO FEDERAL #C-1 | GRAND | UTAH | LONE MIN. | 0.500000000 | 0.420000000 | |
| ARCO FEDERAL #D-1 | GRAND | UTAH | LONE MIN. | 0.218750000 | 0.191406200 | |
| ARCO FEDERAL #H-1 | GRAND | UTAH | LONE MIN. | 0.000000000 | 0.000000000 | 0.062500000 |
| TENNECO FED. #14-2 | GRAND | UTAH | LONE MIN. | 0.500000000 | 0.412500000 | |
| GILBERT FEDERAL #1 | GRAND | UTAH | URI | 1.000000000 | 0.845000000 | |

SAN ARROYO UNIT AREA
 ENTRADA PARTICIPATING AREA

| | | | | | |
|-----------------|-------|------|-----|-------------|-------------|
| SAN ARROYO #1 | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #2 | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #3 | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #5 | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #6 | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #40U | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |
| SAN ARROYO #40L | GRAND | UTAH | URI | 1.000000000 | 0.825000000 |

San Arroyo Wells ARE SUBJECT TO A NET PROFITS INTEREST CREATED BY AND SUBJECT TO THAT CERTAIN FARMOUT AGREEMENT DATED JUNE 6, 1955.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing

| | |
|--------------|---|
| 1-DEC 7-SJ | ✓ |
| 2-DEC 8-FILE | ✓ |
| 3-VLC | ✓ |
| 4-RJB | ✓ |
| 5-DEC | ✓ |
| 6-PL | ✓ |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-93)

| | | | |
|-------------------|----------------------------------|------------------------|---------------------------------|
| TO (new operator) | NORTHSTAR GAS COMPANY INC | FROM (former operator) | GRAHAM ENERGY LTD |
| (address) | 820 GRESSNER #1630 | (address) | 15000 NW FREEWAY STE 203 |
| | HOUSTON TX 77024 | | HOUSTON TX 77040 |
| | PAUL BERNARD | | C/O NORTHSTAR GAS CO INC |
| | phone (713) 935-9542 | | phone (713) 937-4314 |
| | account no. N 6680 | | account no. N 7590 |

Well(s) (attach additional page if needed):

***CA NW-115**

| | | | | |
|------------------------------------|--------------------------|----------------------|---|----------------------------|
| Name: *FEDERAL 174 #1/DKTA | API: 43-019-15884 | Entity: 8340 | Sec 11 Twp 16S Rng 25E | Lease Type: U012652 |
| Name: BITTER CREEK 1/CDMTN | API: 43-019-30047 | Entity: 00515 | Sec 2 Twp 16S Rng 25E | Lease Type: ML25151 |
| Name: ARCO-STATE 2-1/DKTA | API: 43-019-30240 | Entity: 00520 | Sec 2 Twp 16S Rng 24E | Lease Type: ML22208 |
| Name: ARCO-STATE 2-2/DKTA | API: 43-019-30241 | Entity: 00520 | Sec 2 Twp 16S Rng 24E | Lease Type: ML22208 |
| Name: ARCO STATE 36-7/CM-MR | API: 43-019-31162 | Entity: 09710 | Sec 36 Twp 15S Rng 24E | Lease Type: ML22208 |
| Name: ARCO STATE 36-8/DK-MR | API: 43-019-31192 | Entity: 09710 | Sec 36 Twp 15S Rng 24E | Lease Type: ML22208 |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 1-14-94) (Reg. 3-28-94) (Rec'd Assgn., Bill of Sale 4-11-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd. 1-14-94)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #144214.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (4-11-94)
- Lee 6. Cardex file has been updated for each well listed above. (4-11-94)
- Lee 7. Well file labels have been updated for each well listed above. (4-11-94)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-11-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- lec 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

SEE PAGE 1-3

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Dr's 2. Copies of documents have been sent to State Lands for changes involving State leases.
4/14/94 to Ed Bonner

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 4-19 1994.

FILING

- lec 1. Copies of all attachments to this form have been filed in each well file.
- lec 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940328 Btm/S.Y. Apprv. eff. 3-23-94.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:
ENOGEX EXPLORATION CORPORATION

3. Address and Telephone Number:
P.O. Box 24300, Oklahoma City, OK 73124-0300 405 557-5281

4. Location of Well

Footages:

QQ, Sec., T., R., M.: SW/4 Section 36-15 1/2S-24E

5. Lease Designation and Serial Number:

ML-22208

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Arco State 36-8

9. API Well Number:

43-019-31192

10. Field and Pool, or Wildcat:

County: Grand

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

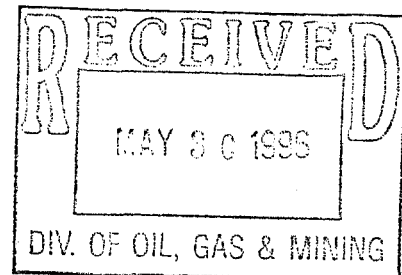
- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 5/1/96

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)



13.

Name & Signature:

Claudine Gilliam, Senior Landman

Title:

Date: 5/21/96

(This space for State use only)

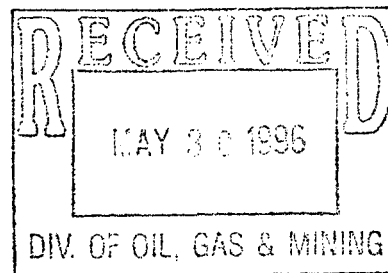


600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105
Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300
405 525-7788 / FAX 405 557-5258

May 21, 1996

Ms. Lisha Cordova
State of Utah
Department of Oil, Gas & Mining
Salt Lake City, Utah 84111-2303

Re: Acquisition of Producing Properties
and Operatorship from Northstar Resources
Grand and Uintah Counties, Utah



Dear Ms. Cordova:

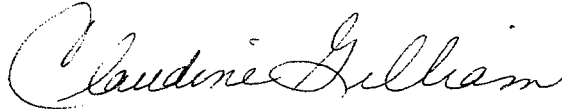
Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
2. Three copies each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
5. A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust Lands Administration

If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

A handwritten signature in cursive script that reads "Claudine Gilliam". The signature is written in black ink and is positioned above the printed name and title.

Claudine Gilliam
Senior Landman

WELL LISTING FOR ACQUISITION FROM NORTHSTAR RESOURCES, INC.

EFFECTIVE 3/1/96

| | WELL NAME | DESCRIPTION | SEC. | TWN | RGE | COUNTY | STATE |
|----|-----------------------------------|-------------|------|---------|-----|--------|-------|
| 1 | BLACKHORSE FEDERAL #31-1 | E/2 SW/4 | 31 | 15S | 24E | UINTAH | UTAH |
| 2 | ARCO STATE #2-1 | SE/4 | 2 | 16S | 24E | GRAND | UTAH |
| 3 | ARCO STATE #2-2 | NW/4 | 2 | 16S | 24E | GRAND | UTAH |
| 4 | ARCO STATE #36-7 | SE/4 | 36 | 15 1/2S | 24E | GRAND | UTAH |
| 5 | ARCO STATE #36-8 | SW/4 | 36 | 15 1/2S | 24E | GRAND | UTAH |
| 6 | ARCO STATE #27-1 | SW/4 | 27 | 16S | 25E | GRAND | UTAH |
| 7 | FEDERAL 174 #1 | SW/4 | 11 | 16S | 25E | GRAND | UTAH |
| 8 | BITTERCREEK #1 | S/2 S/2 | 2 | 16S | 25E | GRAND | UTAH |
| 9 | SAN ARROYO #1 | S/2 N/2 | 26 | 16S | 25E | GRAND | UTAH |
| 10 | SAN ARROYO #2 (Non-Producing) | S/2 N/2 | 22 | 16S | 25E | GRAND | UTAH |
| 11 | SAN ARROYO #3 | NW/4 | 23 | 16S | 25E | GRAND | UTAH |
| 12 | SAN ARROYO #40 | NE/4 NE/4 | 27 | 16S | 25E | GRAND | UTAH |
| 13 | SAN ARROYO #5 | SE/4 | 25 | 16S | 25E | GRAND | UTAH |
| 14 | SAN ARROYO #6 | SW/4 NE/4 | 21 | 16S | 25E | GRAND | UTAH |
| 15 | SAN ARROYO #4 | SW/4 | 30 | 16S | 26E | GRAND | UTAH |
| 16 | SAN ARROYO #8 | SW/4 | 16 | 16S | 25E | GRAND | UTAH |
| 17 | SAN ARROYO #9 | SW/4 NE/4 | 27 | 16S | 25E | GRAND | UTAH |
| 18 | SAN ARROYO #11 | SW/4 | 15 | 16S | 25E | GRAND | UTAH |
| 19 | SAN ARROYO #12 | SW/4 | 23 | 16S | 25E | GRAND | UTAH |
| 20 | SAN ARROYO #13 | SW/4 | 22 | 16S | 25E | GRAND | UTAH |
| 21 | SAN ARROYO #16 | SW/4 | 26 | 16S | 25E | GRAND | UTAH |
| 22 | SAN ARROYO #17 | NE/4 | 24 | 16S | 25E | GRAND | UTAH |
| 23 | SAN ARROYO #18 | NW/4 NW/4 | 30 | 16S | 26E | GRAND | UTAH |
| 24 | SAN ARROYO #19 | SE/4 | 14 | 16S | 25E | GRAND | UTAH |
| 25 | SAN ARROYO #20 | NE/4 | 26 | 16S | 25E | GRAND | UTAH |
| 26 | SAN ARROYO #21 | SE/4 | 25 | 16S | 25E | GRAND | UTAH |
| 27 | SAN ARROYO #22 | NE/4 | 15 | 16S | 25E | GRAND | UTAH |
| 28 | SAN ARROYO #24 | NW/4 | 19 | 16S | 26E | GRAND | UTAH |
| 29 | SAN ARROYO #25 | NE/4 | 21 | 16S | 25E | GRAND | UTAH |
| 30 | SAN ARROYO #26 | SW/4 | 20 | 16S | 26E | GRAND | UTAH |
| 31 | SAN ARROYO #27 | SW/4 | 29 | 16S | 26E | GRAND | UTAH |
| 32 | SAN ARROYO #28 | NE/4 | 29 | 16S | 26E | GRAND | UTAH |
| 33 | SAN ARROYO #29 | NE/4 | 22 | 16S | 25E | GRAND | UTAH |
| 34 | SAN ARROYO #30 | W/2 | 21 | 16S | 26E | GRAND | UTAH |
| 35 | SAN ARROYO #31 | NW/4 NW/4 | 22 | 16S | 25E | GRAND | UTAH |
| 36 | SAN ARROYO #32 (Non-Producing) | SW/4 | 14 | 16S | 25E | GRAND | UTAH |
| 37 | SAN ARROYO #33 | SW/4 | 25 | 16S | 25E | GRAND | UTAH |
| 38 | SAN ARROYO #35 | SW/4 | 24 | 16S | 25E | GRAND | UTAH |
| 39 | SAN ARROYO #36A | SE/4 | 19 | 16S | 26E | GRAND | UTAH |
| 40 | SAN ARROYO #37 | NE/4 | 20 | 16S | 26E | GRAND | UTAH |
| 41 | SAN ARROYO #38 | N/2 | 16 | 16S | 25E | GRAND | UTAH |
| 42 | GILBERT FEDERAL #1(Non-Producing) | W/2 NE/4 | 11 | 16S | 25E | GRAND | UTAH |

NORTH STAR GAS COMPANY

M E M O

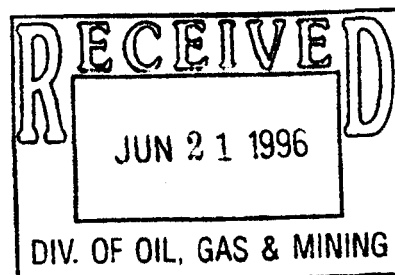
DATE: June 19, 1996

TO: Lisha Cordova

FROM: Harry Dean

SUBJECT: Sundry Notices

Please find enclosed Sundry Notices for the Arco State wells 2-1,2-2,36-7,36-8 and the Bitter Creek # 1. If you should require additional information, please let me know.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

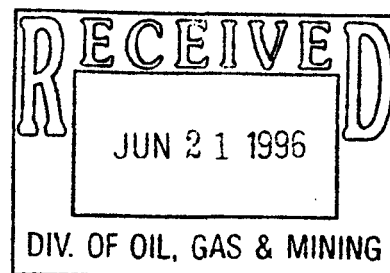
| | |
|---|---|
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: | 5. Lease Designation and Serial Number: ML-22208 |
| 2. Name of Operator: Northstar Gas Company, Inc. | 6. If Indian, Allottee or Tribe Name: |
| 3. Address and Telephone Number: 820 Gessner, Suite 1630, Houston, TX 77024, (713)935-9542 | 7. Unit Agreement Name: |
| 4. Location of Well Footages: QQ, Sec., T., R., M.: 36-T15S-R24E | 8. Well Name and Number: ARCO STATE 36-8 9. API Well Number: 43-019-31192 10. Field and Pool, or Wildcat: |
| | County: Grand State: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|--|---|
| <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Operator Change</u> </div> <div> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div> | <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other </div> <div> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div> |
| Approximate date work will start _____ | Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report. |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ENOGEX Exploration Company took over operations from Northstar Gas Co., Inc. 5/1/96 with the effective date of the sale 3/1/96.



13. Name & Signature: Larry F. Dean Title: President Date: 6/19/96

(This space for State use only)

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 7/8 19 96

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirments. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Northstar Gas Company Inc (N6680)

New Operator: Enogex Exploration Corp (N7430)

| Well(s): | API: | Entity: | S-T-R: | Lease: |
|--------------------|--------------|---------|--------------|----------|
| Arco State 2-1 | 43-019-30240 | 00520 | 2-16S-24E | ML-22208 |
| Arco State 2-2 | 43-019-30241 | 00520 | 2-16S-24E | ML-22208 |
| Arco State 36-7 | 43-019-31162 | 09710 | 36-15.5S-24E | ML-22208 |
| Arco State 36-8 | 43-019-31192 | 09710 | 36-15.5S-24E | ML-22208 |
| Bitter Creek 1 | 43-019-30047 | 00515 | 2-16S-25E | ML-25151 |
| San Arroyo Unit 38 | 43-019-31253 | 00500 | 16-16S-25E | ML-4113 |
| San Arroyo Unit 41 | 43-019-31289 | 00500 | 36-16S-25E | ML-4668 |

cc: Operator File

Signed Don Staley

REPLY

Date _____ 19 ____

Signed _____

OPERATOR CHANGE WORKSHEET

| | |
|----------|--------|
| 1-LEC | 6-LEC |
| 2-GLH | 7-KDR |
| 3-DTSDLS | 8-SJ |
| 4-VLD | 9-FILE |
| 5-RJF | |

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-1-96

TO: (new operator) ENOGEX EXPLORATION CORP.
 (address) PO BOX 24300
OKLAHOMA CITY OK 73124-0300

Phone: (405) 525-7788
 Account no. N7430

FROM: (old operator) NORTHSTAR GAS COMPANY INC
 (address) 820 GESSNER #1630
HOUSTON TX 77024

Phone: (713) 935-9542
 Account no. N6680

WELL(S) attach additional page if needed:

| | | | | | | | | | |
|------------------------------------|--------------------------|---------------------|---|-----------|---|--------------|---|------------|------------------------|
| Name: <u>ARCO STATE 2-1/DKTA</u> | API: <u>43-019-30240</u> | Entity: <u>520</u> | S | <u>2</u> | T | <u>16S</u> | R | <u>24E</u> | Lease: <u>ML-22208</u> |
| Name: <u>ARCO STATE 2-2/DKTA</u> | API: <u>43-019-30241</u> | Entity: <u>520</u> | S | <u>2</u> | T | <u>16S</u> | R | <u>24E</u> | Lease: <u>ML-22208</u> |
| Name: <u>ARCO STATE 36-7/CM-MR</u> | API: <u>43-019-31162</u> | Entity: <u>9710</u> | S | <u>36</u> | T | <u>15.5S</u> | R | <u>24E</u> | Lease: <u>ML-22208</u> |
| Name: <u>ARCO STATE 36-8/DK-MR</u> | API: <u>43-019-31192</u> | Entity: <u>9710</u> | S | <u>36</u> | T | <u>15.5S</u> | R | <u>24E</u> | Lease: <u>ML-22208</u> |
| Name: <u>BITTER CREEK 1/CDMTN</u> | API: <u>43-019-30047</u> | Entity: <u>515</u> | S | <u>2</u> | T | <u>16S</u> | R | <u>25E</u> | Lease: <u>ML-25151</u> |
| Name: _____ | API: _____ | Entity: _____ | S | _____ | T | _____ | R | _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S | _____ | T | _____ | R | _____ | Lease: _____ |

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 6-11-96) (Rec'd 6-21-96)*
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 5-30-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____. If yes, show company file number: _____.
- N/A 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(6-24-96)*
- LEC 6. Cardex file has been updated for each well listed above. *(6-24-96)*
- LEC 7. Well file labels have been updated for each well listed above. *(6-24-96)*
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-24-96)*
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) **Trust Lands (\$80,000) Surety*

- Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DTS 1. Copies of documents have been sent on 7/8/96 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- KDR 1. All attachments to this form have been microfilmed. Today's date: July 18, 1996

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS



Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web site: <http://www.commerce.state.ut.us>

CRESCENDO ENERGY, LLC


August 4, 2000

CERTIFICATE OF EXISTENCE

Registration Number: PENDING
Business Name: CRESCENDO ENERGY, LLC
Registered Date: JULY 13, 2000
Foreign or Domestic: FOREIGN
Current Status: GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.




Lorena Riffo-Jenson
Division Director of
Corporations and Commercial Code

Dept. of Professional Licensing
(801)530-6628

Real Estate
(801)530-6747

Public Utilities
(801)530-6651

Securities
(801)530-6600

Consumer Protection
(801)530-6601

Crescendo Energy, LLC

P.O. Box 1814
Midland, TX 79702
Phone: 915-697-7221
Fax: 915-697-7289

August 23, 2000

Attn: Mr. Jim Thompson
Utah Division of Oil, Gas & Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

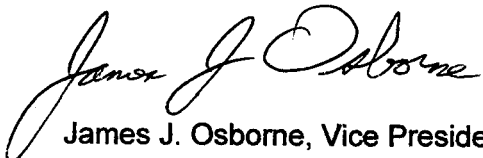
Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.


Sincerely yours,
Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its
Managing Member


James J. Osborne, Vice President

Confirmation by Previous Operator:

Enogex Exploration Corporation

By: 
Name (Print): CHRIS J. HAUGEN
Title: Manager, E&P

jjo
Attachment

| API NUMBER | Well Name | Entity | WELL STATUS |
|------------|--------------------------|--------|-------------|
| 4301915886 | SAN ARROYO # 3 | 500 | P |
| 4301915887 | SAN ARROYO # 4 | 500 | P |
| 4301915890 | SAN ARROYO # 8 | 500 | P |
| 4301915891 | SAN ARROYO # 9 | 500 | P |
| 4301915892 | SAN ARROYO #11 | 500 | P |
| 4301915893 | SAN ARROYO #12 | 500 | P |
| 4301915894 | SAN ARROYO #13 | 500 | P |
| 4301915896 | SAN ARROYO #16 | 500 | S |
| 4301915897 | SAN ARROYO #17 | 500 | P |
| 4301915898 | SAN ARROYO #18 | 500 | P |
| 4301915899 | SAN ARROYO #19 | 500 | P |
| 4301915900 | SAN ARROYO #20 | 500 | P |
| 4301915901 | SAN ARROYO #21 | 500 | P |
| 4301915902 | SAN ARROYO #22 | 500 | P |
| 4301915903 | SAN ARROYO #24 | 500 | P |
| 4301915904 | SAN ARROYO #25 | 500 | P |
| 4301915905 | SAN ARROYO #26 | 500 | P |
| 4301915906 | SAN ARROYO #27 | 500 | P |
| 4301915907 | SAN ARROYO #28 | 500 | P |
| 4301915908 | SAN ARROYO #29 | 500 | P |
| 4301915909 | SAN ARROYO #30 | 500 | P |
| 4301930527 | SAN ARROYO #31 | 500 | P |
| 4301930528 | SAN ARROYO #32 | 500 | P |
| 4301930608 | SAN ARROYO #33 | 500 | S |
| 4301911090 | SAN ARROYO #35 | 500 | P |
| 4301931251 | SAN ARROYO #36A | 500 | P |
| 4301931252 | SAN ARROYO #37 | 500 | P |
| 4301931253 | SAN ARROYO #38 | 500 | P |
| 4301931289 | SAN ARROYO #41 | 500 | P |
| 4301931290 | SAN ARROYO #42 | 500 | P |
| 4301931291 | SAN ARROYO #43 | 500 | P |
| 4301931301 | SAN ARROYO #44 | 500 | P |
| 4301931299 | SAN ARROYO #45 | 500 | P |
| 4301931318 | SAN ARROYO #47 | 500 | P |
| 4301931316 | SAN ARROYO #49 | 500 | P |
| 4301916532 | SAN ARROYO # 1 | 505 | S |
| 4301915885 | SAN ARROYO # 2 | 505 | S |
| 4301915888 | SAN ARROYO # 5 | 505 | S |
| 4301915889 | SAN ARROYO # 6 | 505 | S |
| 4301931250 | SAN ARROYO #40 | 505 | S |
| 4301930047 | BITTERCREEK #1 | 515 | P |
| 4301930240 | ARCO STATE #2-1 | 520 | P |
| 4301930241 | ARCO STATE #2-2 | 520 | P |
| 4301915884 | FEDERAL 174 #1 | 8340 | P |
| 4301911089 | GILBERT FEDERAL #1 | 8341 | P |
| 4304730765 | BLACKHORSE FEDERAL #31-1 | 8345 | P |
| 4301931162 | ARCO STATE #36-7 | 9710 | P |
| 4301931192 | ARCO STATE #36-8 | 9710 | P |
| 4301930570 | ARCO STATE #27-1 | 11595 | P |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CRESCENDO ENERGY PARTNERS, LLC

3. Address and Telephone No.

P.O. BOX 1814, MIDLAND, TX 79702 (915) 697-7221

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SECTION 36-T16S-R24E
945' FSL, 850' FWL

5. Lease Designation and Serial No.

ML-22208

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

ARCO-STATE NO. 36-8

9. API Well No.

10. Field and Pool, or Exploratory Area

RAILROAD CANYON

11. County or Parish, State

GRAND, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other CHANGE OF OPERATOR
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CHANGE OF OPERATOR

CRESCENDO ENERGY PARTNERS, LLC IS TAKING OVER OPERATIONS OF THE ABOVE CAPTIONED WELL.

CRESCENDO ENERGY PARTNERS, LLC IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.

BOND COVERAGE FOR THIS WELL WILL BE PROVIDED BY BLM BOND NO 0437484

EFFECTIVE DATE: JUNE 30, 2000

RECEIVED

OCT 10 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed



Title

ENGINEER

Date

9-26-00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

OPERATOR CHANGE WORKSHEET

ROUTING

| | | |
|----------|--|---------|
| 1. GLH | | 4-KAS ✓ |
| 2. CDW ✓ | | 5-SP ✓ |
| 3. JLT | | 6-FILE |

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

6-30-2000**FROM:** (Old Operator):

ENOGEX EXPLORATION CORPORATION

Address: P. O. BOX 24300

OKLAHOMA CITY, OK 73124-0300

Phone: 1-(405)-525-7788

Account No. N7430

TO: (New Operator):

CRESCENDO ENERGY PARTNERS LLC

Address P. O. BOX 1814

MIDLAND, TX 79702

Phone: 1-(915)-697-7221

Account N1365

CA No.

Unit:

WELL(S)

| NAME | API NO. | ENTITY NO. | SEC. TWN RNG | LEASE TYPE | WELL TYPE | WELL STATUS |
|---------------------|--------------|---------------|-----------------|---------------|--------------|----------------|
| ARCO STATE NO. 2-1 | 43-019-30240 | 520 | 02-16S-24E | STATE | GW | P |
| ARCO STATE NO. 2-2 | 43-019-30241 | 520 | 02-16S-24E | STATE | GW | P |
| ARCO STATE NO. 36-7 | 43-019-31162 | 9710 | 36-15.5S-24E | STATE | GW | P |
| ARCO STATE NO. 36-8 | 43-019-31192 | 9710 | 36-16S-24E | STATE | GW | P |
| BITTER CREEK NO. 1 | 43-019-30047 | 515 | 02-16S-25E | STATE | GW | P |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 08/28/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 09/05/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10-18-2000
- Is the new operator registered in the State of Utah: YES Business Number: 4778945-0161
- If **NO**, the operator was contacted on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator

change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 10/18/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/18/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 437484

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3-5-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22208 |
| 2. NAME OF OPERATOR: Crescendo Energy, LLC | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: P.O. Box 1814 CITY Midland STATE TX ZIP 79702 | | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0945 FSL 0850 FWL | | 8. WELL NAME and NUMBER: Arco State 36-8 |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 15S 24E S | | 9. API NUMBER: 4301931192 |
| COUNTY: Grand | | 10. FIELD AND POOL, OR WILDCAT: San Arroyo Field |
| STATE: UTAH | | |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|--|---|---|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: Pit Closure |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | Tank Install |

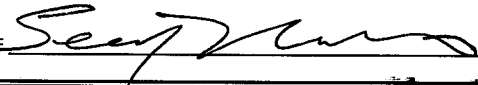
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Existing pit will be closed and a tank will be installed to contain produced water. Produced water will be hauled and disposed of at the Black Mtn Facility in Mesa County, Colorado.

Closure of produced water pit was based on requirements included in Section VII Guidance for Determining Cleanup Levels of the Environmental Handbook, Environmental Regulations for the Oil & Gas Exploration and Production Industry. Prepared by G.L. Hunt, Environmental Manager, UTAH DIVISION OF OIL, GAS & MINING, January 1996. A review of the site based on the guidance document, resulted in a Level I Environmental Sensitivity classification. The Level I category requires cleanup to the 1% TPH (10,000 mg/kg or ppm) level.

A soil sample was collected from the bottom of the active pit. Results of this sampling demonstrate TPH levels below the cleanup requirements listed above. Sample analytical results are attached to this Sundry Notice.

Pad material will be used to backfill the pit and a 70 barrel tank will be connected to the production works to collect produced water. The tank will be set on the existing pad location. All facilities will be painted olive black to match the surrounding vegetation. A soil berm will be constructed around the tank to contain any produced water spills.

| | |
|---|---------------------------------------|
| NAME (PLEASE PRINT) Sean T. Norris | TITLE Senior Project Geologist |
| SIGNATURE  | DATE 10/11/2004 |

(This space for State use only)
**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: **10-18-04**

By: 

COPY SENT TO OPERATOR

Date: **10-18-04**

Initials: **CHD**

(See Instructions on Reverse Side)

RECEIVED

OCT 14 2004

DIV. OF OIL, GAS & MINING



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Sean Norris
Cordilleran Compliance Services, Inc
826 21 1/2 Road
Grand Junction, CO 81505

October 04, 2004

Date Received : September 29, 2004
Description : Pit Closures Arco 36-7, 36-8, 2-1, 2-2, 31-1
Sample ID : CS 36-8-01 8 IN
Collected By : Sean Norris
Collection Date : 09/28/04 06:40

ESC Sample # : L171584-02

Site ID :

Project # : Arco 36-8

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|--------|------------|--------|-----------|----------|------|
| Benzene | BDL | 0.0025 | mg/kg | 8021/8015 | 10/01/04 | 5 |
| Toluene | BDL | 0.025 | mg/kg | 8021/8015 | 10/01/04 | 5 |
| Ethylbenzene | BDL | 0.0025 | mg/kg | 8021/8015 | 10/01/04 | 5 |
| Total Xylene | BDL | 0.0075 | mg/kg | 8021/8015 | 10/01/04 | 5 |
| TPH (GC/FID) Low Fraction | BDL | 0.50 | mg/kg | TNGRO | 10/01/04 | 5 |
| Surrogate Recovery (70-130) a,a,a-Trifluorotoluene | 96. | | % Rec. | 8021/8015 | 10/01/04 | 5 |

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/01/04 16:38 Printed: 10/04/04 12:02

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|------------|---------------------------|-----------|
| L171584-01 | TPH (GC/FID) Low Fraction | E |
| L171584-06 | Total Xylene | E |
| | TPH (GC/FID) Low Fraction | E |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|-----------|---|
| E | GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

| Control Limits | | | | (AQ) | (SS) |
|----------------------|--------|------------------|--------|----------------------|---------------|
| 2-Fluorophenol | 31-119 | Nitrobenzene-d5 | 43-118 | Dibromfluoromethane | 79-126 83-119 |
| Phenol-d5 | 12-134 | 2-Fluorobiphenyl | 45-128 | Toluene-d8 | 81-114 82-116 |
| 2,4,6-Tribromophenol | 51-141 | Terphenyl-d14 | 43-137 | 4-Bromofluorobenzene | 65-129 72-126 |

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
10/04/04 at 12:02:59

TSR Signing Reports: 070
R3 - Rush: Two Day

Report methane to 0.01 ppb as method RSK 175

Sample: L171584-01 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Removed rush, not approved on due date-cb 10/4
Sample: L171584-02 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-03 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-04 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-05 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-06 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Cordilleran Compliance Services, Inc.
Mr. Sean Norris
826 21 1/2 Road

Quality Assurance Report Level II

Grand Junction, CO 81505

L171584

October 04, 2004

| Analyte | Result | Laboratory Blank | | Date Analyzed | Batch |
|---------------------------|---------|------------------|----------------|---------------|-------|
| | | Units | | | |
| Benzene | < .0005 | mg/kg | 09/29/04 15:39 | WG172837 | |
| Ethylbenzene | < .0005 | mg/kg | 09/29/04 15:39 | WG172837 | |
| Toluene | < .005 | mg/kg | 09/29/04 15:39 | WG172837 | |
| TPH (GC/FID) Low Fraction | < .1 | mg/kg | 09/29/04 15:39 | WG172837 | |
| Total Xylene | < .0015 | mg/kg | 09/29/04 15:39 | WG172837 | |
| Benzene | < .0005 | mg/kg | 09/30/04 12:14 | WG172928 | |
| Ethylbenzene | < .0005 | mg/kg | 09/30/04 12:14 | WG172928 | |
| Toluene | < .005 | mg/kg | 09/30/04 12:14 | WG172928 | |
| TPH (GC/FID) Low Fraction | < .1 | mg/kg | 09/30/04 12:14 | WG172928 | |
| Total Xylene | < .0015 | mg/kg | 09/30/04 12:14 | WG172928 | |
| Benzene | < .0005 | mg/kg | 10/01/04 12:08 | WG173067 | |
| Ethylbenzene | < .0005 | mg/kg | 10/01/04 12:08 | WG173067 | |
| Toluene | < .005 | mg/kg | 10/01/04 12:08 | WG173067 | |
| TPH (GC/FID) Low Fraction | < .1 | mg/kg | 10/01/04 12:08 | WG173067 | |
| Total Xylene | < .0015 | mg/kg | 10/01/04 12:08 | WG173067 | |

| Analyte | Units | Laboratory Control Sample | | % Rec | Limit | Batch |
|---------------------------|-------|---------------------------|--------|-------|--------|----------|
| | | Known Val | Result | | | |
| Benzene | mg/kg | .0272 | 0.0294 | 108. | 74-123 | WG172837 |
| Ethylbenzene | mg/kg | .0368 | 0.0391 | 106. | 73-124 | WG172837 |
| Toluene | mg/kg | .1532 | 0.169 | 111. | 79-120 | WG172837 |
| TPH (GC/FID) Low Fraction | mg/kg | 2.2 | 2.43 | 111. | 73-124 | WG172837 |
| Total Xylene | mg/kg | .178 | 0.194 | 109. | 78-117 | WG172837 |
| Benzene | mg/kg | .0272 | 0.0290 | 107. | 74-123 | WG172928 |
| Ethylbenzene | mg/kg | .0368 | 0.0370 | 100. | 73-124 | WG172928 |
| Toluene | mg/kg | .1532 | 0.156 | 102. | 79-120 | WG172928 |
| TPH (GC/FID) Low Fraction | mg/kg | 2.2 | 1.92 | 87.2 | 73-124 | WG172928 |
| Total Xylene | mg/kg | .178 | 0.182 | 102. | 78-117 | WG172928 |
| Benzene | mg/kg | .0272 | 0.0240 | 88.2 | 74-123 | WG173067 |
| Ethylbenzene | mg/kg | .0368 | 0.0313 | 85.1 | 73-124 | WG173067 |
| Toluene | mg/kg | .1532 | 0.133 | 87.1 | 79-120 | WG173067 |
| TPH (GC/FID) Low Fraction | mg/kg | 2.2 | 2.00 | 91.0 | 73-124 | WG173067 |
| Total Xylene | mg/kg | .178 | 0.151 | 84.9 | 78-117 | WG173067 |

| Analyte | Units | Laboratory Control Sample Duplicate | | | | Limit | %Rec | Batch |
|---------------------------|-------|-------------------------------------|---------|------|----|-------|------|----------|
| | | LCSD Res | Ref Res | RPD | | | | |
| Benzene | mg/kg | 0.0281 | 0.0294 | 4.59 | 13 | 103. | | WG172837 |
| Ethylbenzene | mg/kg | 0.0378 | 0.0391 | 3.59 | 13 | 103. | | WG172837 |
| Toluene | mg/kg | 0.163 | 0.169 | 3.91 | 12 | 106. | | WG172837 |
| TPH (GC/FID) Low Fraction | mg/kg | 2.30 | 2.43 | 5.58 | 13 | 105. | | WG172837 |
| Total Xylene | mg/kg | 0.187 | 0.194 | 3.46 | 12 | 105. | | WG172837 |
| Benzene | mg/kg | 0.0302 | 0.0290 | 4.15 | 13 | 111. | | WG172928 |
| Ethylbenzene | mg/kg | 0.0383 | 0.0370 | 3.61 | 13 | 104. | | WG172928 |
| Toluene | mg/kg | 0.162 | 0.156 | 3.78 | 12 | 105. | | WG172928 |
| TPH (GC/FID) Low Fraction | mg/kg | 1.99 | 1.92 | 3.83 | 13 | 90.6 | | WG172928 |
| Total Xylene | mg/kg | 0.188 | 0.182 | 3.62 | 12 | 106. | | WG172928 |
| Benzene | mg/kg | 0.0257 | 0.0240 | 7.03 | 13 | 94.6 | | WG173067 |
| Ethylbenzene | mg/kg | 0.0334 | 0.0313 | 6.56 | 13 | 90.9 | | WG173067 |
| Toluene | mg/kg | 0.143 | 0.133 | 6.66 | 12 | 93.1 | | WG173067 |
| TPH (GC/FID) Low Fraction | mg/kg | 2.16 | 2.00 | 7.65 | 13 | 98.3 | | WG173067 |
| Total Xylene | mg/kg | 0.164 | 0.151 | 8.03 | 12 | 92.0 | | WG173067 |



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Cordilleran Compliance Services, Inc.
Mr. Sean Norris
826 21 1/2 Road

Grand Junction, CO 81505

Quality Assurance Report Level II

L171584

October 04, 2004

| Analyte | Units | Matrix Spike | | TV | % Rec | Limit | Ref Samp | Batch |
|---------------------------|-------|--------------|---------|-------|-------|--------|------------|----------|
| | | MS Res | Ref Res | | | | | |
| Benzene | mg/kg | 0.108 | 0.00 | .0272 | 79.3 | 62-116 | L171362-04 | WG172837 |
| Ethylbenzene | mg/kg | 0.144 | 0.00 | .0368 | 78.5 | 61-118 | L171362-04 | WG172837 |
| Toluene | mg/kg | 0.632 | 0.00 | .1532 | 82.5 | 64-120 | L171362-04 | WG172837 |
| TPH (GC/FID) Low Fraction | mg/kg | 8.14 | 0.00 | 2.2 | 74.0 | 54-117 | L171362-04 | WG172837 |
| Total Xylene | mg/kg | 0.719 | 0.00 | .178 | 80.8 | 64-118 | L171362-04 | WG172837 |
| Benzene | mg/kg | 0.133 | 0.0008 | .0272 | 97.0 | 62-116 | L171535-09 | WG172928 |
| Ethylbenzene | mg/kg | 0.161 | 0.0004 | .0368 | 87.3 | 61-118 | L171535-09 | WG172928 |
| Toluene | mg/kg | 0.704 | 0.0041 | .1532 | 91.3 | 64-120 | L171535-09 | WG172928 |
| TPH (GC/FID) Low Fraction | mg/kg | 7.71 | 0.00 | 2.2 | 70.1 | 54-117 | L171535-09 | WG172928 |
| Total Xylene | mg/kg | 0.785 | 0.0021 | .178 | 87.9 | 64-118 | L171535-09 | WG172928 |
| Benzene | mg/kg | 0.117 | 0.00 | .0272 | 86.4 | 62-116 | L171488-02 | WG173067 |
| Ethylbenzene | mg/kg | 0.142 | 0.00 | .0368 | 77.2 | 61-118 | L171488-02 | WG173067 |
| Toluene | mg/kg | 0.631 | 0.00 | .1532 | 82.4 | 64-120 | L171488-02 | WG173067 |
| TPH (GC/FID) Low Fraction | mg/kg | 8.77 | 0.00 | 2.2 | 79.7 | 54-117 | L171488-02 | WG173067 |
| Total Xylene | mg/kg | 0.686 | 0.00 | .178 | 77.1 | 64-118 | L171488-02 | WG173067 |

| Analyte | Units | Matrix Spike Duplicate | | RPD | Limit | %Rec | Ref Samp | Batch |
|---------------------------|-------|------------------------|---------|-------|-------|------|------------|----------|
| | | MSD Res | Ref Res | | | | | |
| Benzene | mg/kg | 0.130 | 0.108 | 18.7 | 18 | 95.7 | L171362-04 | WG172837 |
| Ethylbenzene | mg/kg | 0.175 | 0.144 | 19.0 | 17 | 94.9 | L171362-04 | WG172837 |
| Toluene | mg/kg | 0.761 | 0.632 | 18.5 | 14 | 99.3 | L171362-04 | WG172837 |
| TPH (GC/FID) Low Fraction | mg/kg | 9.84 | 8.14 | 19.0 | 17 | 89.5 | L171362-04 | WG172837 |
| Total Xylene | mg/kg | 0.867 | 0.719 | 18.7 | 16 | 97.4 | L171362-04 | WG172837 |
| Benzene | mg/kg | 0.134 | 0.133 | 1.05 | 18 | 98.0 | L171535-09 | WG172928 |
| Ethylbenzene | mg/kg | 0.161 | 0.161 | 0.249 | 17 | 87.1 | L171535-09 | WG172928 |
| Toluene | mg/kg | 0.707 | 0.704 | 0.440 | 14 | 91.7 | L171535-09 | WG172928 |
| TPH (GC/FID) Low Fraction | mg/kg | 7.80 | 7.71 | 1.11 | 17 | 70.9 | L171535-09 | WG172928 |
| Total Xylene | mg/kg | 0.780 | 0.785 | 0.626 | 16 | 87.4 | L171535-09 | WG172928 |
| Benzene | mg/kg | 0.112 | 0.117 | 4.93 | 18 | 82.2 | L171488-02 | WG173067 |
| Ethylbenzene | mg/kg | 0.134 | 0.142 | 6.17 | 17 | 72.6 | L171488-02 | WG173067 |
| Toluene | mg/kg | 0.605 | 0.631 | 4.25 | 14 | 79.0 | L171488-02 | WG173067 |
| TPH (GC/FID) Low Fraction | mg/kg | 7.71 | 8.77 | 12.9 | 17 | 70.0 | L171488-02 | WG173067 |
| Total Xylene | mg/kg | 0.649 | 0.686 | 5.54 | 16 | 73.0 | L171488-02 | WG173067 |

Batch number /Run number / Sample number cross reference

WG172837: R209399: L171584-01
WG172928: R209626: L171584-05 06
WG173067: R209658: L171584-02 03 04

* denotes out of limit range result. See Attachment B of standard report for list of qualifiers.
* * Calculations are performed prior to rounding of reported values .



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Cordilleran Compliance Services, Inc.
Mr. Sean Norris
826 21 1/2 Road

Grand Junction, CO 81505

Quality Assurance Report
Level II

L171584

October 04, 2004


ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

| | | | | | | | | | | | | | | | |
|--|------|---|---------|--|------|--------------|---|---------------------------------|------------|----|--|--|--|---------------------|---------------------|
| Company Name/Address: Cordilleran Compliance Services, Inc. 826 21 1/2 Road Grand Junction, CO 81505 | | | | Alternate billing information: | | | | Analysis/Container/Preservative | | | | Chain of Custody Page <u>1</u> of <u>1</u> Prepared by: <div style="text-align: center;">  ENVIRONMENTAL SCIENCE CORP. 12065 Lebanon Road Mt Juliet, TN 37122 Phone (615) 758-5858 Phone (800) 767-5859 FAX (615) 758-5859 </div> | | | |
| Report to: <u>Sean Norris</u> | | | | Email to: <u>seannorris@cordcomp.com</u> | | | | | | | | | | | |
| Project Description: <u>Pit Closures Arco 36-7, 36-8 Arco 2-1, 2-2, 31-1</u> | | | | City/State Collected: <u>San Arroyo Utah</u> | | | | | | | | | | | |
| Phone: (970) 263-7800 | | Client Project #: | | ESC Key: | | | | | | | | | | | |
| FAX: (970) 263-7456 | | | | | | | | | | | | | | | |
| Collected by: <u>S. Norris</u> | | Site/Facility ID#: | | P.O.#: | | | | | | | | | | | |
| Collected by (signature): <u>[Signature]</u> | | <input checked="" type="checkbox"/> Rush? (Lab MUST Be Notified) ___ Same Day.....200% ___ Next Day.....100% <input checked="" type="checkbox"/> Two Day50% | | Date Results Needed: | | No. of Cntrs | | | | | | | | | |
| Packed on Ice: <u>N</u> | | | | Email? <u>No</u> Yes | | | | | | | | | | | |
| FAX? <u>No</u> Yes | | | | | | | | | | | | | | | |
| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | | | | | | | | Remarks/Contaminant | Sample # (lab only) |
| CS 36-7-01 | Grab | Soil | 8" | 9/28/04 | 6:20 | 1 | X | Arco 36-7 well | L171584-01 | | | | | | |
| CS 36-8-01 | Grab | Soil | 8" | 9/28/04 | 6:40 | 1 | X | Arco 36-8 well | -02 | | | | | | |
| CS 2-1-01 | Grab | Soil | 8" | 9/28/04 | 7:00 | 1 | X | Arco 2-1 well | North pit | 03 | | | | | |
| CS 2-1-02 | Grab | Soil | 8" | 9/28/04 | 7:05 | 1 | X | Arco 2-1 well | South pit | 04 | | | | | |
| CS 2-2-02 | Grab | Soil | 8" | 9/28/04 | 7:45 | 1 | X | Arco 2-2 well | | 05 | | | | | |
| CS 31-1-01 | Grab | Soil | 8" | 9/28/04 | 8:35 | 1 | X | Black Horse Fed 31-1 | | 06 | | | | | |

*Matrix SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____

Remarks:

8454 2478 5287

Flow _____ Other _____

| | | | | | | | | | |
|---|--|----------------------|--------------------|---|--|--|--|-------------------------------|--|
| Relinquished by: (Signature) <u>[Signature]</u> | | Date: <u>9/28/04</u> | Time: <u>11:28</u> | Received by: (Signature) <u>[Signature]</u> | | Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> | | Condition: (lab use only) | |
| Relinquished by: (Signature) <u>[Signature]</u> | | Date: _____ | Time: _____ | Received by: (Signature) <u>[Signature]</u> | | Temp: <u>6.5</u> | | Bottles Received: <u>6402</u> | |
| Relinquished by: (Signature) <u>[Signature]</u> | | Date: _____ | Time: _____ | Received for lab by: (Signature) <u>[Signature]</u> | | Date: <u>9-29-04</u> | | Time: <u>09:30</u> | |
| | | | | | | pH Checked: _____ | | NOF: _____ | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

Slate River Resources, LLC

N2725

3. ADDRESS OF OPERATOR:

418 Main Street, Ste. 18

CITY Vernal

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 781-1870

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

San Arroyo Unit and other wells

8. WELL NAME and NUMBER:

See attached

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached schedule of wells

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescendo Energy, LLC is a wholly owned subsidiary of Slate River Resources, LLC. All the wells, properties and leasehold interest of Crescendo Energy, LLC has been assigned to Slate River Resources, LLC. We request a change of Operator from Crescendo Energy, LLC to Slate River Resources, LLC on the wells listed on the attached schedule, including a change of Operator of the San Arroyo Unit Area effective November 1, 2005.

The Bond numbers for Slate River Resources, LLC are:

State of Utah DOGM Bond B001556 \$120,000

State of Utah Bond of Lessee B001760 \$ 15,000 being transferred from Crescendo to Slate River Resources, LLC

Federal Utah Statewide Bond UTB000187 \$ 25,000 being transferred from Crescendo to Slate River Resources, LLC

Crescendo Energy, LLC

N1365

Carter G. Mathies

Carter G. Mathies, President

NAME (PLEASE PRINT) Gary D. Davis

TITLE President, Slate River Resources, LLC

SIGNATURE *Gary D. Davis*

DATE 11/10/2005

(This space for State use only)

APPROVED 11/29/05

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

SLATE RIVER RESOURCES, LLC, OPERATOR

| API Well Number | Operator | Well Name | Well Type | Well Status | Field Name | County Name | Qtr / Qtr | Section | Township Range | | ENL |
|-------------------|----------------------|-----------------------------|-----------|--------------------------------------|-----------------|-------------|-----------|---------|----------------|--------------|------|
| 43-019-30570-00-0 | CRESCENDO ENERGY LLC | ARCO 27-1 | Gas Well | Producing | SAN ARROYO | GRAND | NWSW | 27 | 16S-25E | U-29645 | 1700 |
| 43-019-31162-00-0 | CRESCENDO ENERGY LLC | ARCO STATE 36-7 | Gas Well | Producing | EAST CANYON | GRAND | SWSE | 36 | 15.5S-24E | ML-22208 | 852 |
| 43-019-31192-00-0 | CRESCENDO ENERGY LLC | ARCO STATE 36-8 | Gas Well | Producing | EAST CANYON | GRAND | SWSW | 36 | 15.5S-24E | ML-22208 | 1285 |
| 43-019-30240-00-0 | CRESCENDO ENERGY LLC | ARCO-STATE 2-1 | Gas Well | Producing | EAST CANYON | GRAND | NESE | 2 | 16S-24E | ML-22208 | 2420 |
| 43-019-30241-00-0 | CRESCENDO ENERGY LLC | ARCO-STATE 2-2 | Gas Well | Shut-In | EAST CANYON | GRAND | NWNW | 2 | 16S-24E | ML-22208 | 1425 |
| 43-019-30047-00-0 | CRESCENDO ENERGY LLC | BITTER CREEK 1 | Gas Well | Producing | SAN ARROYO | GRAND | SWSE | 2 | 16S-25E | ML-25151 | 1080 |
| 43-047-30765-00-0 | CRESCENDO ENERGY LLC | BLACK HORSE CANYON FED 31-1 | Gas Well | Producing | BLACK HORSE CYN | UINTAH | NWSW | 31 | 15S-24E | U-14234 | 2030 |
| 43-019-15884-00-0 | CRESCENDO ENERGY LLC | FEDERAL 174 1 | Gas Well | Producing | SAN ARROYO | GRAND | SESW | 11 | 16S-25E | U-126528 | 1940 |
| 43-019-31432-00-0 | CRESCENDO ENERGY LLC | FEDERAL 27-2 | Gas Well | Approved permit (APD); not yet spudd | SAN ARROYO | GRAND | SESE | 27 | 16S-25E | U-29645 | 1110 |
| 43-019-31318-00-0 | CRESCENDO ENERGY LLC | FEDERAL 47 | Gas Well | Producing | SAN ARROYO | GRAND | NWNE | 31 | 16S-26E | U-6023 | 990 |
| 43-019-31410-00-0 | CRESCENDO ENERGY LLC | FEDERAL 6-1 | Gas Well | Approved permit (APD); not yet spudd | SAN ARROYO | GRAND | SWNW | 6 | 16S-25E | U-9831 | 1760 |
| 43-019-11089-00-0 | CRESCENDO ENERGY LLC | FEDERAL GILBERT 1 | Gas Well | Producing | SAN ARROYO | GRAND | SWNE | 11 | 16S-25E | U-126528 | 1140 |
| 43-019-16532-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 01 | Gas Well | Shut-In | SAN ARROYO | GRAND | SENW | 26 | 16S-25E | USL-71307 | 1320 |
| 43-019-15885-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 02 | Gas Well | Shut-In | SAN ARROYO | GRAND | SENW | 22 | 16S-25E | U-370-A | 125 |
| 43-019-15886-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 03 | Gas Well | Producing | SAN ARROYO | GRAND | SENW | 23 | 16S-25E | U-369 | 60 |
| 43-019-15887-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 04 | Gas Well | Producing | SAN ARROYO | GRAND | SESW | 30 | 16S-26E | U-6023 | 660 |
| 43-019-15888-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 05 | Gas Well | Shut-In | SAN ARROYO | GRAND | NWSE | 25 | 16S-25E | U-369 | 820 |
| 43-019-15889-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 06 | Gas Well | Shut-In | SAN ARROYO | GRAND | SWNE | 21 | 16S-25E | U-136529 | 1360 |
| 43-019-15890-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 08 | Gas Well | Producing | SAN ARROYO | GRAND | SWSW | 16 | 16S-25E | ML-4113 | 2066 |
| 43-019-15891-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 09 | Gas Well | Producing | SAN ARROYO | GRAND | NWNE | 27 | 16S-25E | U-370-A | 1210 |
| 43-019-15892-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 11 | Gas Well | Producing | SAN ARROYO | GRAND | NESW | 15 | 16S-25E | U-5059-C | 2450 |
| 43-019-15893-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 12 | Gas Well | Producing | SAN ARROYO | GRAND | SWSW | 23 | 16S-25E | USL-71307 | 1520 |
| 43-019-15894-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 13 | Gas Well | Producing | SAN ARROYO | GRAND | C-SW | 22 | 16S-25E | U-370-A | 660 |
| 43-019-15896-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 16 | Gas Well | Producing | SAN ARROYO | GRAND | SESW | 26 | 16S-25E | U-369 | 1990 |
| 43-019-15897-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 17 | Gas Well | Producing | SAN ARROYO | GRAND | NENE | 24 | 16S-25E | U-25243 | 660 |
| 43-019-15898-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 18 | Gas Well | Producing | SAN ARROYO | GRAND | NWNW | 30 | 16S-26E | U-6023 | 1300 |
| 43-019-15899-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 19 | Gas Well | Producing | SAN ARROYO | GRAND | SWSE | 14 | 16S-25E | U-5011-B | 2600 |
| 43-019-15900-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 20 | Gas Well | Producing | SAN ARROYO | GRAND | SENE | 26 | 16S-25E | USL-71307 | 1712 |
| 43-019-15901-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 21 | Gas Well | Producing | SAN ARROYO | GRAND | NWSE | 25 | 16S-25E | U-369 | 395 |
| 43-019-15902-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 22 | Gas Well | Producing | SAN ARROYO | GRAND | NENE | 15 | 16S-25E | U-5011-A | 2194 |
| 43-019-15903-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 24 | Gas Well | Producing | SAN ARROYO | GRAND | SENW | 19 | 16S-26E | U-6188 | 769 |
| 43-019-15904-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 25 | Gas Well | Producing | SAN ARROYO | GRAND | SWNE | 21 | 16S-25E | U-136529 | 1111 |
| 43-019-15905-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 26 | Gas Well | Producing | SAN ARROYO | GRAND | SWSW | 20 | 16S-26E | U-25297 | 78 |
| 43-019-15906-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 27 | Gas Well | Producing | SAN ARROYO | GRAND | NESW | 29 | 16S-26E | U-6021 | 1787 |
| 43-019-15907-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 28 | Gas Well | Producing | SAN ARROYO | GRAND | NWNE | 29 | 16S-26E | U-5650 | 634 |
| 43-019-15908-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 29 | Gas Well | Producing | SAN ARROYO | GRAND | NENE | 22 | 16S-25E | U-370-A | 540 |
| 43-019-15909-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 30 | Gas Well | Producing | SAN ARROYO | GRAND | NWSW | 21 | 16S-26E | U-5650 | 945 |
| 43-019-30527-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 31 | Gas Well | Shut-In | SAN ARROYO | GRAND | NWNW | 22 | 16S-25E | U-370-A | 739 |
| 43-019-30528-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 32 | Gas Well | Producing | SAN ARROYO | GRAND | SWSW | 14 | 16S-25E | U-5011-B | 1305 |
| 43-019-30608-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 33 | Gas Well | Producing | SAN ARROYO | GRAND | SWSW | 25 | 16S-25E | U-369 | 1977 |
| 43-019-11090-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 35 | Gas Well | Producing | SAN ARROYO | GRAND | SESW | 24 | 16S-25E | U-369 | 1875 |
| 43-019-31251-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 36-A | Gas Well | Producing | SAN ARROYO | GRAND | SESE | 19 | 16S-26E | U-6188 | 304 |
| 43-019-31252-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 37 | Gas Well | Producing | SAN ARROYO | GRAND | SWNE | 20 | 16S-26E | U-5650 | 2025 |
| 43-019-31253-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 38 | Gas Well | Producing | SAN ARROYO | GRAND | SWNE | 16 | 16S-25E | ML-4113 | 1393 |
| 43-019-31250-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 40 | Gas Well | Shut-In | SAN ARROYO | GRAND | NWNE | 27 | 16S-25E | U-370-A | 1482 |
| 43-019-31289-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 41 | Gas Well | Producing | SAN ARROYO | GRAND | NENE | 36 | 16S-25E | Not CE Lease | 1342 |
| 43-019-31290-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 42 | Gas Well | Producing | SAN ARROYO | GRAND | NESE | 30 | 16S-26E | U-6023 | 1300 |
| 43-019-31291-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 43 | Gas Well | Producing | SAN ARROYO | GRAND | NESE | 29 | 16S-26E | U-6021 | 600 |
| 43-019-31301-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 44 | Gas Well | Producing | SAN ARROYO | GRAND | SENE | 30 | 16S-26E | U-6023 | |
| 43-019-31299-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 45 | Gas Well | Producing | SAN ARROYO | GRAND | NWSE | 20 | 16S-26E | U-5650 | 0 |

UTAH SCHEDULE OF WELLS
SLATE RIVER RESOURCES, LLC, OPERATOR

[illegible]

1. DJJ

2. CDW

Designation of Agent/Operator

X Merger

11/1/2005

TO: (New Operator):

N2725-Slate River Resources, LLC
418 Main St, Suite 18
Vernal, UT 84078

Phone: 1-(435) 781-1870

Unit:

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- | | | |
|-----|---|--|
| 1. | (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: | <u>11/16/2005</u> |
| 2. | (R649-8-10) Sundry or legal documentation was received from the NEW operator on: | <u>11/16/2005</u> |
| 3. | The new company was checked on the Department of Commerce, Division of Corporations Database on: | <u>11/23/2005</u> |
| 4. | Is the new operator registered in the State of Utah: | <u>YES</u> Business Number: <u>5830411-0161</u> |
| 5. | If NO , the operator was contacted contacted on: | |
| 6a. | (R649-9-2)Waste Management Plan has been received on: | <u> </u> requested 11/23/05 |
| 6b. | Inspections of LA PA state/fee well sites complete on: | <u> n/a </u> |
| 6c. | Reports current for Production/Disposition & Sundries on: | <u> </u> requested 11/23/05 |

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: _____

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 11/29/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 11/29/2005
3. Bond information entered in RBDMS on: 11/29/2005
4. Fee/State wells attached to bond in RBDMS on: 11/29/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 11/29/2005

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000187

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number B001556
2. The FORMER operator has requested a release of liability from their bond on: 11/25/2005
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/15/2008

FROM: (Old Operator):

N2725-Slate River Resources, LLC
 1600 Broadway, Suite 900
 Denver, CO 80202

Phone: 1 (303) 592-4448

TO: (New Operator):

N3505-Augustus Energy Partners, LLC
 2016 Grand Ave, Suite A
 Billings MT 59012

Phone: 1 (406) 294-5990

CA No.

Unit:

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED LIST | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/23/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/23/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/4/2008
- a. Is the new operator registered in the State of Utah: Business Number: 7012268-0161
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: In Process
- c. Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/29/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/29/2008
- Bond information entered in RBDMS on: 5/29/2008
- Fee/State wells attached to bond in RBDMS on: 5/29/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: _____

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB00317
 - Indian well(s) covered by Bond Number: n/a
 - a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0011628
 - b. The **FORMER** operator has requested a release of liability from their bond on: not yet
- The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached list |
| 2. NAME OF OPERATOR: Augustus Energy Partners, LLC N3505 | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 2016 Grand Avenue. Ste A CITY Billings STATE MT ZIP 59012 | | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH | | 8. WELL NAME and NUMBER: 9. API NUMBER: 10. FIELD AND POOL, OR WILDCAT: |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|--|---|--|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u> |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from:

Slate River Resources, LLC
1600 Broadway, Suite 900
Denver, CO 80202
303-592-4448

N2725

TO: Augustus Energy Partners, LLC
2016 Grand Avenue, Suite A
Billings, MT 59102

BLM Bond # UTB00317 effective 5/13/08

STATE BOND = RLB 0011638

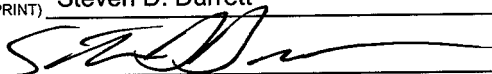
Seller: Slate River Resources LLC
Gary D. Davis, President/CEO

Signature: 

NAME (PLEASE PRINT) Steven D. Durrett

TITLE President

SIGNATURE



DATE 5/15/2008

(This space for State use only)

APPROVED 5/15/08
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

| API Well Number | Well Name | Qtr/Qtr | Section | Township-Range |
|-----------------|-----------------------------|---------|---------|----------------|
| 43-019-11089 | FEDERAL GILBERT 1 | SWNE | 11 | 16S-25E |
| 43-019-11090 | SAN ARROYO U 35 | SESW | 24 | 16S-25E |
| 43-019-15884 | FEDERAL 174 1 | SESW | 11 | 16S-25E |
| 43-019-15885 | SAN ARROYO 2 | SENW | 22 | 16S-25E |
| 43-019-15886 | SAN ARROYO 3 | SENW | 23 | 16S-25E |
| 43-019-15887 | SAN ARROYO 4 | SESW | 30 | 16S-26E |
| 43-019-15888 | SAN ARROYO 5 | NWSE | 25 | 16S-25E |
| 43-019-15889 | SAN ARROYO 6 | SWNE | 21 | 16S-25E |
| 43-019-15890 | SAN ARROYO 8 | SWSW | 16 | 16S-25E |
| 43-019-15891 | SAN ARROYO 9 | NWNE | 27 | 16S-25E |
| 43-019-15892 | SAN ARROYO 11 | NESW | 15 | 16S-25E |
| 43-019-15893 | SAN ARROYO 12 | SWSW | 23 | 16S-25E |
| 43-019-15894 | SAN ARROYO 13 | C-SW | 22 | 16S-25E |
| 43-019-15896 | SAN ARROYO 16 | SESW | 26 | 16S-25E |
| 43-019-15897 | SAN ARROYO 17 | NENE | 24 | 16S-25E |
| 43-019-15898 | SAN ARROYO 18 | NWNW | 30 | 16S-26E |
| 43-019-15899 | SAN ARROYO 19 | SWSE | 14 | 16S-25E |
| 43-019-15900 | SAN ARROYO 20 | SENE | 26 | 16S-25E |
| 43-019-15901 | SAN ARROYO 21 | NWSE | 25 | 16S-25E |
| 43-019-15902 | SAN ARROYO 22 | NENE | 15 | 16S-25E |
| 43-019-15903 | SAN ARROYO 24 | SENW | 19 | 16S-26E |
| 43-019-15904 | SAN ARROYO 25 | SWNE | 21 | 16S-25E |
| 43-019-15905 | SAN ARROYO 26 | SWSW | 20 | 16S-26E |
| 43-019-15906 | SAN ARROYO 27 | NESW | 29 | 16S-26E |
| 43-019-15907 | SAN ARROYO 28 | NWNE | 29 | 16S-26E |
| 43-019-15908 | SAN ARROYO 29 | NENE | 22 | 16S-25E |
| 43-019-15909 | SAN ARROYO 30 | NWSW | 21 | 16S-26E |
| 43-019-16532 | SAN ARROYO 1 | SENW | 26 | 16S-25E |
| 43-019-30047 | BITTER CREEK 1 | SWSE | 2 | 16S-25E |
| 43-019-30240 | ARCO-STATE 2-1 | NESE | 2 | 16S-24E |
| 43-019-30241 | ARCO-STATE 2-2 | NWNW | 2 | 16S-24E |
| 43-019-30527 | SAN ARROYO 31 | NWNW | 22 | 16S-25E |
| 43-019-30528 | SAN ARROYO 32 | SWSW | 14 | 16S-25E |
| 43-019-30570 | ARCO 27-1 | NWSW | 27 | 16S-25E |
| 43-019-30608 | SAN ARROYO 33 | SWSW | 25 | 16S-25E |
| 43-019-31162 | ARCO STATE 36-7 | SWSE | 36 | 15.5S-24E |
| 43-019-31192 | ARCO STATE 36-8 | SWSW | 36 | 15.5S-24E |
| 43-019-31250 | SAN ARROYO U 40 | NWNE | 27 | 16S-25E |
| 43-019-31251 | SAN ARROYO U 36-A | SESE | 19 | 16S-26E |
| 43-019-31252 | SAN ARROYO U 37 | SWNE | 20 | 16S-26E |
| 43-019-31253 | SAN ARROYO U 38 | SWNE | 16 | 16S-25E |
| 43-019-31289 | SAN ARROYO U 41 | NENE | 36 | 16S-25E |
| 43-019-31290 | SAN ARROYO U 42 | NESE | 30 | 16S-26E |
| 43-019-31291 | SAN ARROYO U 43 | NESE | 29 | 16S-26E |
| 43-019-31299 | SAN ARROYO 45 | NWSE | 20 | 16S-26E |
| 43-019-31301 | SAN ARROYO 44 | SENE | 30 | 16S-26E |
| 43-019-31316 | SAN ARROYO 49 | NENW | 29 | 16S-26E |
| 43-019-31318 | FEDERAL 47 | NWNE | 31 | 16S-26E |
| 43-047-30765 | BLACK HORSE CANYON FED 31-1 | NWSW | 31 | 15S-24E |

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML22208 |
| 2. NAME OF OPERATOR: AUGUSTUS ENERGY PARTNERS, LLC | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 2016 GRAND AVE, STE A CITY BILLINGS STATE MT ZIP 59101 | | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 945' FSL, 850' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 15.59 45S 24E 6 | | 8. WELL NAME and NUMBER: ARCO STATE 36-8 |
| PHONE NUMBER: (406) 294-5990 | | 9. API NUMBER: 4301931192 |
| COUNTY: GRAND | | 10. FIELD AND POOL, OR WILDCAT: EAST CANYON |
| STATE: UTAH | | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____ |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Augustus Energy Partners, LLC proposes to isolate, perforate and fracture treat the following intervals:

3139-3144' Castlegate

(NOTE: Cause No. 149-1 established drilling units that allow for multiple zone completions including the Castlegate member of the Mesaverde Formation at this location. Augustus Energy Partners, LLC owns 100% WI in all depths at this location, so an allocation procedure will not be required).

Depending on the test results return the well to production producing only the Castlegate, or commingled with the existing Dakota production.

See attached re-completion procedure.

COPY SENT TO OPERATOR

Date: 9.23.2008

Initials: KS

NAME (PLEASE PRINT) Duane Zimmerman

TITLE Vice President Operations

SIGNATURE

Duane Zimmerman

DATE 9/4/2008

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/18/08
BY: *[Signature]*

(See Instructions on Reverse Side)

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING



Arco State 36-8
API #43-019-31192
Section 36, T15.5S-R24E
Grand County, Utah
September 3, 2008

Surface Casing: 10-3/4", 40.5#, J-55 STC at 326'
Intermediate Casing: 7-5/8", 26.4#, K-55 STC 3,485'
Production Casing: 5.0", 18#, N-80 STC at 7,453'
TD: 7,490'
PBD: 7,182'
Tubing: 2-3/8", 4.7#, N-80 EUE, 7,019'

Re-completion Procedure Add Castlegate Perforations

- 1) MIRUSU. RU and pressure test the 5.0" and 7" casing annulus to 500 psig.
- 2) Blow down well and un-flange casing head. Strip on BOPS. Pickup 2-3/8 inch tubing and tag bottom to check for fill. Strap out of the hole standing back tubing.
- 3) MU RBP and TIH and set at 3,200'. Fill casing with 2% KCL water and test casing to 500 psig. RU and swab the casing dry, release RBP and POOH.
- 4) MIRU wireline company and run a GR/CCL. Perforate 3,139'-3,144' with 2 JSPF dry charges, deep penetrating correlated to Gearhart Formation Density/Compensated Neutron log dated 8/25/85 and 9/5/85. RD wireline company.
- 5) TIH with 2-3/8" tubing and RBP. Set RBP at 3,200'. RU and flow/swab test well to evaluate for returning the well to sales with the Dakota/Castlegate commingled, or stand alone.
- 6) Return the well to production.



| | | |
|--|--|---|
| Well Name & No.: ARCO STATE 36-8 | API # 43-019-31192 | Location (Footages & Qtr / Qtr) SWSW. 945 FSL, 850 FWL |
| Field: EAST CANYON | County, State: GRAND, UTAH | Section, Twp., Rge.: SEC 36, T15.5S, R24E |
| Spud Date: 8/15/1985 | Elevations: 7789' GL, 7806' KB | Completion Date: 9/27/1985 |

| |
|--------------------------------|
| D.S.T.#/Depth/Recovery: |
| |
| |
| |
| |
| |
| |
| |
| |
| |

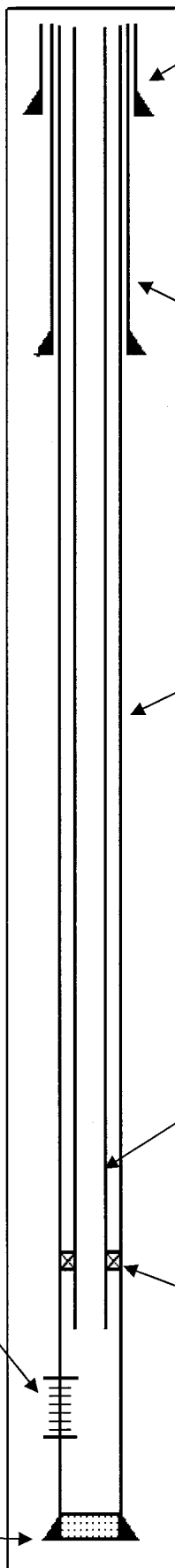
| |
|-----------------------------|
| Log Type / Interval: |
| |
| |
| |
| |
| |
| |
| |
| |
| |

| |
|------------------------------------|
| Acid Job / Breakdown: |
| Acidize 6932,35,37,40,51,53 w/1500 |
| gals 7.5% HCl. Frac'd 6932-53' w/ |
| 90,000# 20/40 & 70! N2 foam |
| 11-87 acidize 7280-90' w/500 gals |
| HCl. Frac'd w/15,000#,comm w/ |
| backside & screenout. |
| |
| |
| |

| |
|-------------------------------|
| Note |
| RBP, PKR & 34' Tbg stub |
| above pkr left in hole, never |
| recovered. |
| |
| |
| |
| |
| |
| |

| |
|------------------------------|
| Zone / Perforations: |
| DKTA 6865-67'; 6914-25' |
| CEDAR MTN 6932-53'; 6974-79' |
| MRSN 7045-47' |
| SLT WASH 7280-90' |
| |
| |
| |
| |
| |
| |

| |
|-----------------------|
| P.B.T.D. 7182' |
| T.D. 7490' |



| |
|--------------------------------|
| Surface Casing: |
| Bit/Csg. O.D.: 14-3/4" 10 3/4" |
| Depth: 326' |
| #/ft / Grade: 40.5# J55 |
| Thread: STC |
| Cement: 292 SX Class G |
| |
| Cement Top: Surface |

| |
|------------------------------|
| Intermediate Casing: |
| Bit/Csg. O.D.: 9-7/8" 7 5/8" |
| Depth: 3485' |
| #/ft / Grade: 26.4# K55 STC |
| #/ft / Grade: |
| Cement: 700 sx 50.50 poz |
| 100 sx Class B |
| Cement Top: surface |

| |
|-----------------------------|
| Production Casing: |
| Bit / Csg. O.D.: 6-3/4" 5" |
| #/ft / Grade: 18# N80 LTC |
| #/ft / Grade: |
| #/ft / Grade: |
| D.V. Depth: |
| Depth: 7453' |
| Cement Data: 280 SX CLASS G |
| |
| Cement Top: Surface |

| |
|-----------------------------|
| Tubing: |
| O.D.: 2-3/8" |
| #/Ft./ Grade: 4.7#, J55 EUE |
| No. Jts. 210 |
| Length: 6527.93' |
| Seat Nipple @ |
| End of Tubing: 6549' |

| |
|-----------------------|
| Packer/Anchor: |
| Type: |
| Depth: 7221' |
| Rods / Pump: |
| |
| |
| |
| |
| |
| |
| |
| |
| |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER _____

8. WELL NAME and NUMBER:
ARCO STATE 36-8

2. NAME OF OPERATOR:
AUGUSTUS ENERGY PARTNERS, LLC

9. API NUMBER:
4301931192

3. ADDRESS OF OPERATOR:
2016 GRAND AVE, STE A CITY BILLINGS STATE MT ZIP 59101

PHONE NUMBER:
(406) 294-5990

10. FIELD AND POOL, OR WILDCAT:
EAST CANYON

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 945' FSL, 850' FWL

COUNTY: GRAND

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 15.5 24E 6

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|--|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/1/2008 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Augustus Energy Partners, LLC isolated and perforated 3139-3144' w/2 spf in the Castlegate formation. Acidized w/N2 and placed back on production with the Castlegate and Dakota commingled.

RECEIVED

NOV 03 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jan Harmon

TITLE Operations Administrator

SIGNATURE

DATE 11/3/2008

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22208

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
na

7. UNIT or CA AGREEMENT NAME
na

8. WELL NAME and NUMBER:
ARCO STATE 36-8

9. API NUMBER:
4301931192

10. FIELD AND POOL, OR WILDCAT
EAST CANYON

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
SWSW 36 15S 24E 6

12. COUNTY
GRAND

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER RECOMPLETION

2. NAME OF OPERATOR:
AUGUSTUS ENERGY PARTNERS, LLC

3. ADDRESS OF OPERATOR:
2016 GRAND AVE CITY BILLINGS STATE MT ZIP 59102

PHONE NUMBER:
(406) 294-5990

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 945' FSL, 850' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUNDED:
8/15/1985

15. DATE T.D. REACHED:

16. DATE COMPLETED:
11/1/2008

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
7789'

18. TOTAL DEPTH: MD

TVD 7,490

19. PLUG BACK T.D.: MD

TVD 7,182

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD

PLUG SET: TVD 7,080

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23.

WAS WELL CORED?

NO ☐ YES ☐ (Submit analysis)

WAS DST RUN?

NO ☐ YES ☐ (Submit report)

DIRECTIONAL SURVEY?

NO ☐ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|--------------|------------|----------------|----------|-------------|----------------------|----------------------------|---------------------|---------------|---------------|
| pre-existing | 10.75 J-55 | 40.5# | 0 | 326 | | G 292 | | | |
| pre-existing | 7-3/8 K-55 | 26.4# | | 3,485 | | 50/50 700 | | | |
| | | | | | | B 100 | | | |
| pre-existing | 5 N-80 | 18 | | 7,453 | | G 280 | | | |
| | | | | | | | | | |
| | | | | | | | | | |

25. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|------|----------------|-----------------|------|----------------|-----------------|
| 2-3/8 | 5,967 | 3,171 | | | | | | |

26. PRODUCING INTERVALS

MVDCM

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS |
|----------------|----------|-------------|-----------|--------------|-------------------------|------|-----------|--|
| (A) CASTLEGATE | | | 3,135 | | 3,139 3,144 | | 10 | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (B) DAKOTA | | | 6,792 | | 6,865 6,925 | | | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (C) CEDAR MTN | | | 6,928 | | 6,932 6,979 | | | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |
| (D) MORRISON | | | 7,024 | | 7,045 7,047 | | | Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/> |

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|------------------------------|
| 3139-3144 | 20,000 cf N2; 6 bbls 15% HCL |
| | |
| | |

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS

☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

☐ GEOLOGIC REPORT

☐ CORE ANALYSIS

☐ DST REPORT

☐ OTHER: _____

☐ DIRECTIONAL SURVEY

30. WELL STATUS:

PR

RECEIVED

(CONTINUED ON BACK)

(5/2000)

NOV 04 2008

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

INTERVAL B (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

INTERVAL C (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS: |

INTERVAL D (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|-----------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU - GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL - BBL: | GAS - MCF: | WATER - BBL: | INTERVAL STATUS |

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof; Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|-----------|----------|-------------|------------------------------|-------------|----------------------|
| | | | | GREEN RIVER | 0 |
| | | | | MESAVERDE | 525 |
| | | | | SEGO | 2,596 |
| | | | | BUCK TONGUE | 2,835 |
| | | | | CASTLEGATE | 3,135 |
| | | | | MANCOS | 3,342 |
| | | | | MANCOS B | 3,893 |
| | | | | FRONTIER | 6,485 |
| | | | | DAKOTA | 6,792 |
| | | | | CEDAR MTN | 6,928 |

35. ADDITIONAL REMARKS (Include plugging procedure)

PROD. INTERVALS CONT'D: SALT WASH 7280-90'. FORMATION MRKRS CONT'D: MRSN:7024; SW 7232'.

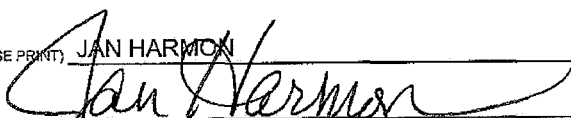
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT)

JAN HARMON

TITLE OPERATIONS ADMINISTRATOR

SIGNATURE



DATE 11/4/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
AUGUSTUS ENERGY PARTNERS, LLC

3. ADDRESS OF OPERATOR:
2016 GRAND AVE., STE A CITY BILLINGS STATE MT ZIP 59101

PHONE NUMBER:
(406) 294-5990

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 945' FSL, 850' FWL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 15.5S 24E 6

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
ARCO STATE 36-8

9. API NUMBER:
4301931192

10. FIELD AND POOL, OR WILDCAT:
EAST CANYON

COUNTY: GRAND

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/8/2009 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: PIT CLOSURE |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Existing pits on location to be closed on 9/8/2009. Pits have been de-watered and are currently stable. Soil from the existing pit berms will be used as backfill and the area will be reclaimed following DOGM regulations and requirements.

NAME (PLEASE PRINT) Tim Dobransky - Olsson Associates

SIGNATURE



TITLE Project Scientist (970) 270-2986

DATE 9/4/2009

(This space for State use only)

RECEIVED

SEP 10 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/11/2013

| | |
|---|--|
| FROM: (Old Operator): N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102 Phone: 1 (406) 294-5990 | TO: (New Operator): N4035-Southwestern Energy Ventures Company, LLC PO Box 1056 Bayfield, CO 81122 Phone: 1 (970) 884-4869 |
|---|--|

CA No.

Unit:

San Arroyo

| WELL NAME | SEC TWN RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------|----------------|--------|--------------|---------------|--------------|----------------|
| See Attached List | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/22/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/22/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/27/2013
- a. Is the new operator registered in the State of Utah: _____ Business Number: 8812939-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: N/A
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 11/27/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):** N/A
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 12/1/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/1/2013
- Bond information entered in RBDMS on: 12/1/2013
- Fee/State wells attached to bond in RBDMS on: 12/1/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0015347
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0015348
- b. The **FORMER** operator has requested a release of liability from their bond on: 11/22/2013

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035)
Effective 11/11/2013
San Arroyo Unit

| Well Name | Sec | TWN | RNG | API Number | Entity | Mineral Lease | Well Type | Well Status |
|---------------------|-----|------|------|------------|--------|---------------|-----------|-------------|
| SAN ARROYO U 35 | 24 | 160S | 250E | 4301911090 | 500 | Federal | GW | P |
| SAN ARROYO 2 | 22 | 160S | 250E | 4301915885 | 505 | Federal | GW | S |
| SAN ARROYO 3 | 23 | 160S | 250E | 4301915886 | 500 | Federal | GW | P |
| SAN ARROYO 4 | 30 | 160S | 260E | 4301915887 | 500 | Federal | GW | P |
| SAN ARROYO 5 | 25 | 160S | 250E | 4301915888 | 505 | Federal | GW | S |
| SAN ARROYO 6 | 21 | 160S | 250E | 4301915889 | 505 | Federal | GW | S |
| SAN ARROYO 8 | 16 | 160S | 250E | 4301915890 | 500 | Federal | GW | P |
| SAN ARROYO 9 | 27 | 160S | 250E | 4301915891 | 500 | Federal | GW | P |
| SAN ARROYO 11 | 15 | 160S | 250E | 4301915892 | 500 | Federal | GW | S |
| SAN ARROYO 12 | 23 | 160S | 250E | 4301915893 | 500 | Federal | GW | P |
| SAN ARROYO 13 | 22 | 160S | 250E | 4301915894 | 500 | Federal | GW | P |
| SAN ARROYO 16 | 26 | 160S | 250E | 4301915896 | 500 | Federal | GW | P |
| SAN ARROYO 17 | 24 | 160S | 250E | 4301915897 | 500 | Federal | GW | P |
| SAN ARROYO 18 | 30 | 160S | 260E | 4301915898 | 500 | Federal | GW | P |
| SAN ARROYO 19 | 14 | 160S | 250E | 4301915899 | 500 | Federal | GW | P |
| SAN ARROYO 20 | 26 | 160S | 250E | 4301915900 | 500 | Federal | GW | P |
| SAN ARROYO 21 | 25 | 160S | 250E | 4301915901 | 500 | Federal | GW | P |
| SAN ARROYO 22 | 15 | 160S | 250E | 4301915902 | 500 | Federal | GW | P |
| SAN ARROYO 24 | 19 | 160S | 260E | 4301915903 | 500 | Federal | GW | P |
| SAN ARROYO 25 | 21 | 160S | 250E | 4301915904 | 500 | Federal | GW | P |
| SAN ARROYO 26 | 20 | 160S | 260E | 4301915905 | 500 | Federal | GW | P |
| SAN ARROYO 27 | 29 | 160S | 260E | 4301915906 | 500 | Federal | GW | P |
| SAN ARROYO 28 | 29 | 160S | 260E | 4301915907 | 500 | Federal | GW | P |
| SAN ARROYO 29 | 22 | 160S | 250E | 4301915908 | 500 | Federal | GW | P |
| SAN ARROYO 30 | 21 | 160S | 260E | 4301915909 | 500 | Federal | GW | P |
| SAN ARROYO 1 | 26 | 160S | 250E | 4301916532 | 505 | Federal | GW | S |
| SAN ARROYO 31 | 22 | 160S | 250E | 4301930527 | 500 | Federal | GW | S |
| SAN ARROYO 32 | 14 | 160S | 250E | 4301930528 | 500 | Federal | GW | S |
| SAN ARROYO 33 | 25 | 160S | 250E | 4301930608 | 500 | Federal | GW | P |
| SAN ARROYO U 36-A | 19 | 160S | 260E | 4301931251 | 500 | Federal | GW | P |
| SAN ARROYO U 37 | 20 | 160S | 260E | 4301931252 | 500 | Federal | GW | P |
| SAN ARROYO U 38 | 16 | 160S | 250E | 4301931253 | 500 | State | GW | P |
| SAN ARROYO U 41 | 36 | 160S | 250E | 4301931289 | 500 | State | GW | P |
| SAN ARROYO U 42 | 30 | 160S | 260E | 4301931290 | 500 | Federal | GW | P |
| SAN ARROYO U 43 | 29 | 160S | 260E | 4301931291 | 500 | Federal | GW | S |
| SAN ARROYO 45 | 20 | 160S | 260E | 4301931299 | 500 | Federal | GW | P |
| SAN ARROYO 44 | 30 | 160S | 260E | 4301931301 | 500 | Federal | GW | S |
| SAN ARROYO 49 | 29 | 160S | 260E | 4301931316 | 500 | Federal | GW | P |
| FEDERAL 47 | 31 | 160S | 260E | 4301931318 | 500 | Federal | GW | P |
| SAN ARROYO 1625-22O | 22 | 160S | 250E | 4301931580 | 505 | Federal | GW | S |

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100
DENVER, COLORADO 80202-5115
TELEPHONE (303) 407-4499
FACSIMILE (303) 407-4494
www.bwenergylaw.com

JENNIFER STOLDT

PHONE: (303) 407-4499
E-MAIL: JSTOLDT@BWENERGYLAW.COM

CASPER

CHEYENNE

DENVER

SALT LAKE CITY

SANTA FE

November 21, 2013

VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining
Attn: Rachel Medina
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RECEIVED
NOV 22 2013
DIV. OF OIL, GAS & MINING

Re: Sundry Notices and Reports on Wells – Change of Operator (Form 9)
Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.



Jennifer Stoldt

Enclosures
00292177.DOCX

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List |
| 2. NAME OF OPERATOR: Augustus Energy Partners, LLC N3505 | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 2016 Grand Ave. Ste A CITY Billings STATE MT ZIP 59102 | | 7. UNIT or CA AGREEMENT NAME: See Attached List |
| PHONE NUMBER: (406) 294-5990 | | 8. WELL NAME and NUMBER: See Attached List |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ | | 9. API NUMBER: See Attach |
| | | 10. FIELD AND POOL, OR WILDCAT: See Attached List |
| | | COUNTY: See Attached List |
| | | STATE: UTAH |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: Change of Operator |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | Effective 11/11/13 |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Southwestern Energy Ventures Company, LLC will become operator of the wells per the attached list effective 11/11/2013.
Attn: Ezra Lee
P. O. Box 1056
Bayfield, CO 81122
970-884-4869
ezra@crossfire-llc.com

Bond Coverage for operations conducted on these wells is being provided by Southwestern Energy Ventures Company, LLC in the form of a \$ 120,000 statewide Bond.

Utah State bond number LB0015348 Surety number (Letter of credit) _____

BLM Bond Number LB0015347

NAME (PLEASE PRINT) Ezra Lee TITLE Manager

SIGNATURE [Signature] DATE 11-13-13

NAME (PLEASE PRINT) Duane Zimmerman TITLE VP Operations

SIGNATURE [Signature] DATE 11/11/13

(This space for State use only)

APPROVED

DEC 01 2013

(5/2000)

DIV. OIL GAS & MINING

BY: Rachael Medina

* San Arroyo U40
not moved b/c its
a P+ A Federal well.
(See Instructions on Reverse Side)

| | Current Operator | API Well Number | Well Name | Lease # | Unit # | CA # | Entity # | Qtr/Qtr | Sec | Twnshp-Rng |
|----|------------------------------|--------------------|-----------------------------|------------|-----------|-------|----------|---------|-----|------------|
| 1 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-11090-00-00 | SAN ARROYO U 35 | 891003589A | UTU63022X | | 500 | SESW | 24 | 16S-25E |
| 2 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15885-00-00 | SAN ARROYO 2 | 891003598B | UTU63022X | | 505 | SENW | 22 | 16S-25E |
| 3 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15886-00-00 | SAN ARROYO 3 | 891003589A | UTU63022X | | 500 | SENW | 23 | 16S-25E |
| 4 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15887-00-00 | SAN ARROYO 4 | 891003589A | UTU63022X | | 500 | SESW | 30 | 16S-26E |
| 5 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15888-00-00 | SAN ARROYO 5 | 891003598B | UTU63022X | | 505 | NWSE | 25 | 16S-25E |
| 6 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15889-00-00 | SAN ARROYO 6 | 891003598B | UTU63022X | | 505 | SWNE | 21 | 16S-25E |
| 7 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15890-00-00 | SAN ARROYO 8 | 891003589A | UTU63022X | | 500 | SWSW | 16 | 16S-25E |
| 8 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15891-00-00 | SAN ARROYO 9 | 891003589A | UTU63022X | | 500 | NWNE | 27 | 16S-25E |
| 9 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15892-00-00 | SAN ARROYO 11 | 891003589A | UTU63022X | | 500 | NESW | 15 | 16S-25E |
| 10 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15893-00-00 | SAN ARROYO 12 | 891003589A | UTU63022X | | 500 | SWSW | 23 | 16S-25E |
| 11 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15894-00-00 | SAN ARROYO 13 | 891003589A | UTU63022X | | 500 | C-SW | 22 | 16S-25E |
| 12 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15896-00-00 | SAN ARROYO 16 | 891003589A | UTU63022X | | 500 | SESW | 26 | 16S-25E |
| 13 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15897-00-00 | SAN ARROYO 17 | 891003589A | UTU63022X | | 500 | NENE | 24 | 16S-25E |
| 14 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15898-00-00 | SAN ARROYO 18 | 891003589A | UTU63022X | | 500 | NWNW | 30 | 16S-26E |
| 15 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15899-00-00 | SAN ARROYO 19 | 891003589A | UTU63022X | | 500 | SWSE | 14 | 16S-25E |
| 16 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15900-00-00 | SAN ARROYO 20 | 891003589A | UTU63022X | | 500 | SENE | 26 | 16S-25E |
| 17 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15901-00-00 | SAN ARROYO 21 | 891003589A | UTU63022X | | 500 | NWSE | 25 | 16S-25E |
| 18 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15902-00-00 | SAN ARROYO 22 | 891003589A | UTU63022X | | 500 | NENE | 15 | 16S-25E |
| 19 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15903-00-00 | SAN ARROYO 24 | 891003589A | UTU63022X | | 500 | SENW | 19 | 16S-26E |
| 20 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15904-00-00 | SAN ARROYO 25 | 891003589A | UTU63022X | | 500 | SWNE | 21 | 16S-25E |
| 21 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15905-00-00 | SAN ARROYO 26 | 891003589A | UTU63022X | | 500 | SWSW | 20 | 16S-26E |
| 22 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15906-00-00 | SAN ARROYO 27 | 891003589A | UTU63022X | | 500 | NESW | 29 | 16S-26E |
| 23 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15907-00-00 | SAN ARROYO 28 | 891003589A | UTU63022X | | 500 | NWNE | 29 | 16S-26E |
| 24 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15908-00-00 | SAN ARROYO 29 | 891003589A | UTU63022X | | 500 | NENE | 22 | 16S-25E |
| 25 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15909-00-00 | SAN ARROYO 30 | 891003589A | UTU63022X | | 500 | NWSW | 21 | 16S-26E |
| 26 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-16532-00-00 | SAN ARROYO 1 | 891003598B | UTU63022X | | 505 | SENW | 26 | 16S-25E |
| 27 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30527-00-00 | SAN ARROYO 31 | 891003589A | UTU63022X | | 500 | NWNW | 22 | 16S-25E |
| 28 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30528-00-00 | SAN ARROYO 32 | 891003589A | UTU63022X | | 500 | SWSW | 14 | 16S-25E |
| 29 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30608-00-00 | SAN ARROYO 33 | 891003589A | UTU63022X | | 500 | SWSW | 25 | 16S-25E |
| 30 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31251-00-00 | SAN ARROYO U 36-A | 891003589A | UTU63022X | | 500 | SESE | 19 | 16S-26E |
| 31 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31252-00-00 | SAN ARROYO U 37 | 891003589A | UTU63022X | | 500 | SWNE | 20 | 16S-26E |
| 32 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31253-00-00 | SAN ARROYO U 38 | 891003589A | UTU63022X | | 500 | SWNE | 16 | 16S-25E |
| 33 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31289-00-00 | SAN ARROYO U 41 | 891003589A | UTU63022X | | 500 | NENE | 36 | 16S-25E |
| 34 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31290-00-00 | SAN ARROYO U 42 | 891003589A | UTU63022X | | 500 | NESE | 30 | 16S-26E |
| 35 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31291-00-00 | SAN ARROYO U 43 | 891003589A | UTU63022X | | 500 | NESE | 29 | 16S-26E |
| 36 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31299-00-00 | SAN ARROYO 45 | 891003589A | UTU63022X | | 500 | NWSE | 20 | 16S-26E |
| 37 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31301-00-00 | SAN ARROYO 44 | 891003589A | UTU63022X | | 500 | SENE | 30 | 16S-26E |
| 38 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31316-00-00 | SAN ARROYO 49 | 891003589A | UTU63022X | | 500 | NENW | 29 | 16S-26E |
| 39 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31580-00-00 | SAN ARROYO 1625-220 | 891003598B | UTU63022X | | 505 | SWSE | 22 | 16S-25E |
| 40 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31250-00-00 | SAN ARROYO U 40 | 891003598B | UTU63022X | | 505 | NWNE | 27 | 16S-25E |
| 41 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31318-00-00 | FEDERAL 47 | 891003589A | UTU63022X | | 500 | NWNE | 31 | 16S-26E |
| 44 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15884-00-00 | FEDERAL 174 1 | UTU126528 | | NW115 | 8340 | SESW | 11 | 16S-25E |
| 42 | AUGUSTUS ENERGY PARTNERS LLC | 43-047-30765-00-00 | BLACK HORSE CANYON FED 31-1 | UTU14234 | | | 8345 | NWSW | 31 | 15S-24E |
| 43 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-11089-00-00 | FEDERAL GILBERT 1 | UTU0125628 | | | 8341 | SWNE | 11 | 16S-25E |

| | Current Operator | API Well Number | Well Name | Lease # | Unit # | CA # | Entity # | Qtr/Qtr | Sec | Twnsbp-Rng |
|----|------------------------------|--------------------|-----------------|----------|--------|------|----------|---------|-----|------------|
| 45 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30570-00-00 | ARCO 27-1 | UTU29645 | | | 11595 | NWSW | 27 | 16S-25E |
| 46 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30047-00-00 | BITTER CREEK 1 | | | | 515 | SWSE | 2 | 16S-25E |
| 47 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30240-00-00 | ARCO-STATE 2-1 | | | | 520 | NESE | 2 | 16S-24E |
| 48 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30241-00-00 | ARCO-STATE 2-2 | | | | 520 | NWNW | 2 | 16S-24E |
| 49 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31162-00-00 | ARCO STATE 36-7 | | | | 9710 | SWSE | 36 | 15.5S-24E |
| 50 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31192-00-00 | ARCO STATE 36-8 | | | | 9710 | SWSW | 36 | 15.5S-24E |

Effective Date: 11/1/2014

| FORMER OPERATOR: | NEW OPERATOR: |
|---|--|
| Southwestern Energy Ventures Company, LLC N4035 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411 | SWEVCO-SABW, LLC N4155 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411 |
| CA Number(s): | San Arroyo |

WELL INFORMATION:

| Well Name | Sec | TWN | RNG | API | Entity | Mineral | Surface | Type | Status |
|-------------------|-----|-----|-----|-----|--------|---------|---------|------|--------|
| See Attached List | | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2014
3. New operator Division of Corporations Business Number: 8820416-0161

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
3. Reports current for Production/Disposition & Sundries: 10/27/2014
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/27/2014
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0015753
2. Indian well(s) covered by Bond Number: RLB0015753
3. State/fee well(s) covered by Bond Number(s): RLB0015799

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/3/2014
2. Entity Number(s) updated in **OGIS** on: 11/3/2014
3. Unit(s) operator number update in **OGIS** on: 11/3/2014
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/3/2014

COMMENTS:

Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC
Effective November 1, 2014

| Well Name | Sec | TWN | RNG | API Number | Entity | Mineral | Surface | Tpye | Status | Unit |
|-----------------------------|-----|------|------|------------|--------|---------|---------|------|--------|------------|
| ARCO 27-1 | 27 | 160S | 250E | 4301930570 | 11595 | Federal | Federal | GW | P | |
| BLACK HORSE CANYON FED 31-1 | 31 | 150S | 240E | 4304730765 | 8345 | Federal | Federal | GW | P | |
| FEDERAL 174 1 | 11 | 160S | 250E | 4301915884 | 8340 | Federal | Federal | GW | P | |
| FEDERAL GILBERT 1 | 11 | 160S | 250E | 4301911089 | 8341 | Federal | Federal | GW | P | |
| ARCO STATE 36-7 | 36 | 155S | 240E | 4301931162 | 9710 | State | State | GW | P | |
| ARCO-STATE 2-1 | 2 | 160S | 240E | 4301930240 | 520 | State | State | GW | P | |
| ARCO-STATE 2-2 | 2 | 160S | 240E | 4301930241 | 520 | State | State | GW | P | |
| BITTER CREEK 1 | 2 | 160S | 250E | 4301930047 | 515 | State | State | GW | P | |
| BAR X UNIT 11 | 18 | 170S | 260E | 4301930592 | 19413 | Federal | Federal | GW | S | |
| BAR X UNIT 25 | 12 | 170S | 250E | 4301931371 | 19414 | Federal | Federal | GW | S | |
| BAR X UNIT 4 | 18 | 170S | 260E | 4301915023 | 19412 | Federal | Federal | GW | S | |
| ARCO STATE 36-8 | 36 | 155S | 240E | 4301931192 | 9710 | State | State | GW | S | |
| FEDERAL 47 | 31 | 160S | 260E | 4301931318 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 12 | 23 | 160S | 250E | 4301915893 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 13 | 22 | 160S | 250E | 4301915894 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 16 | 26 | 160S | 250E | 4301915896 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 17 | 24 | 160S | 250E | 4301915897 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 18 | 30 | 160S | 260E | 4301915898 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 19 | 14 | 160S | 250E | 4301915899 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 20 | 26 | 160S | 250E | 4301915900 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 21 | 25 | 160S | 250E | 4301915901 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 22 | 15 | 160S | 250E | 4301915902 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 24 | 19 | 160S | 260E | 4301915903 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 25 | 21 | 160S | 250E | 4301915904 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 26 | 20 | 160S | 260E | 4301915905 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 27 | 29 | 160S | 260E | 4301915906 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 28 | 29 | 160S | 260E | 4301915907 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 3 | 23 | 160S | 250E | 4301915886 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 30 | 21 | 160S | 260E | 4301915909 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 33 | 25 | 160S | 250E | 4301930608 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 4 | 30 | 160S | 260E | 4301915887 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 44 | 30 | 160S | 260E | 4301931301 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 45 | 20 | 160S | 260E | 4301931299 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 49 | 29 | 160S | 260E | 4301931316 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 9 | 27 | 160S | 250E | 4301915891 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO U 35 | 24 | 160S | 250E | 4301911090 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO U 36-A | 19 | 160S | 260E | 4301931251 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO U 37 | 20 | 160S | 260E | 4301931252 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO U 42 | 30 | 160S | 260E | 4301931290 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO U 43 | 29 | 160S | 260E | 4301931291 | 500 | Federal | Federal | GW | P | SAN ARROYO |
| SAN ARROYO 8 | 16 | 160S | 250E | 4301915890 | 500 | Federal | State | GW | P | SAN ARROYO |
| SAN ARROYO U 38 | 16 | 160S | 250E | 4301931253 | 500 | State | State | GW | P | SAN ARROYO |
| SAN ARROYO U 41 | 36 | 160S | 250E | 4301931289 | 500 | State | Fee | GW | P | SAN ARROYO |
| SAN ARROYO 1 | 26 | 160S | 250E | 4301916532 | 505 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 11 | 15 | 160S | 250E | 4301915892 | 500 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 1625-220 | 22 | 160S | 250E | 4301931580 | 505 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 2 | 22 | 160S | 250E | 4301915885 | 505 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 29 | 22 | 160S | 250E | 4301915908 | 500 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 31 | 22 | 160S | 250E | 4301930527 | 500 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 32 | 14 | 160S | 250E | 4301930528 | 500 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 5 | 25 | 160S | 250E | 4301915888 | 505 | Federal | Federal | GW | S | SAN ARROYO |
| SAN ARROYO 6 | 21 | 160S | 250E | 4301915889 | 505 | Federal | Federal | GW | S | SAN ARROYO |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035

3. ADDRESS OF OPERATOR:
2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537 PHONE NUMBER: (970) 669-7411

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, transferring operations to new operator SWEVCO-SABW, LLC #N4155

NAME (PLEASE PRINT) Ezra Lee

TITLE President, Southwestern Energy Ventures Comp.

SIGNATURE

DATE

10-16-14

(This space for State use only)

APPROVED

NOV 03 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

OCT 21 2014

DIV. OF OIL, GAS & MINING

| UTAH | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------------------------|-------------|-------------|-----------|-----------|------------|----|------------|-------------------|-------------------|---------------|--------------|--------|---------|---------|----------------|---------|---|---------|---|----------|------------|----------|------|--------|--------|
| API Well Number | Well Name | Operator | Well Status | Well Type | WI | NRI | RI | OR | Field Name/Unit # | Surface Ownership | Mineral Lease | Lease Number | County | Qtr/Qtr | Section | Township-Range | FNL/FSL | | FEL/FWL | | Latitude | Longitude | Elev. GR | TD | Unit # | PUMPER |
| OPERATED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outside the Unit | | SWEVCO-SABW | | | | | | | | | | | | | | | | | | | | | | | | |
| 43-019-30570 | ARCO 27-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | SAN ARROYO | Federal | Federal | U-29645 | GRAND | NWSW | 27 | 16S-25E | 1787 | S | 1200 | W | 39.3846 | -109.14821 | 6740 | 5700 | | Chris |
| 43-019-31162 | ARCO STATE 36-7 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | SWSE | 36 | 15.5S-24E | 540 | S | 1550 | E | 39.45341 | -109.21341 | 8319 | 7945 | | Chris |
| 43-019-31192 | ARCO STATE 36-8 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | SWSW | 36 | 15.5S-24E | 945 | S | 850 | W | 39.45468 | -109.22361 | 7789 | 7490 | | Chris |
| 43-019-30240 | ARCO STATE 2-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | NESE | 2 | 16S-24E | 2194 | S | 991 | E | 39.44346 | -109.23015 | 8443 | 7600 | | Chris |
| 43-019-30241 | ARCO STATE 2-2 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | NWNW | 2 | 16S-24E | 769 | N | 857 | W | 39.44995 | -109.24212 | 7886 | 7250 | | Chris |
| 43-019-30047 | BITTER CREEK 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | SAN ARROYO | State | State | ML-25151 | GRAND | SWSE | 2 | 16S-25E | 395 | S | 2530 | E | 39.4387 | -109.12413 | 7375 | 6658 | | Chris |
| 43-047-30765 | BLACK HORSE CANYON FED 31-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84500000 | - | - | BLACK HORSE CYN | Federal | Federal | U-14234 | UINTAH | NWSW | 31 | 15S-24E | 1820 | S | 500 | W | 39.46736 | -109.28001 | 8262 | 7910 | | Chris |
| 43-019-15884 | FEDERAL 174 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84875000 | - | - | SAN ARROYO | Federal | Federal | U-0126528 | GRAND | SESW | 11 | 16S-25E | 1285 | S | 2090 | W | 39.42669 | -109.1264 | 6577 | 5299 | | Chris |
| 43-019-11089 | FEDERAL GILBERT 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84500000 | - | - | SAN ARROYO | Federal | Federal | U-0126528 | GRAND | SWNE | 11 | 16S-25E | 1700 | N | 1830 | E | 39.4329 | -109.12144 | 7001 | 6200 | | Chris |
| 43-019-15023 | BAR X UNIT 4 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064807 | GRAND | NENE | 18 | 17S-26E | 660 | N | 660 | E | 39.33379 | -109.07281 | 5146 | 3599 | | Chris |
| 43-019-30592 | BAR X UNIT 11 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064807 | GRAND | NWNW | 18 | 17S-26E | 1319 | N | 1285 | W | 39.33203 | -109.08486 | 5200 | 3466 | | Chris |
| 43-019-31371 | BAR X UNIT 25 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064806 | GRAND | NWSE | 12 | 17S-25E | 1384 | S | 2165 | E | 39.33965 | -109.09684 | 5273 | 3742 | | Chris |
| San Arroyo Unit | | | | | | | | | | | | | | | | | | | | | | | | | | Chris |
| 43-019-16532 | SAN ARROYO 1 | SWEVCO-SABW | Shut-In | Gas Well | 1.0000000 | 0.82500000 | - | 0.00027708 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SENW | 26 | 16S-25E | 1712 | N | 2566 | W | 39.38943 | -109.12453 | 6033 | 5065 | | Chris |
| 43-019-15892 | SAN ARROYO 11 | SWEVCO-SABW | Shut-In | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05059C | GRAND | NESW | 15 | 16S-25E | 1760 | S | 1990 | W | 39.41349 | -109.14544 | 7524 | 6367 | | Chris |
| 43-019-15893 | SAN ARROYO 12 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SWSW | 23 | 16S-25E | 1140 | S | 1220 | W | 39.39734 | -109.12949 | 6507 | 4731 | | Chris |
| 43-019-15894 | SAN ARROYO 13 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | C-SW | 22 | 16S-25E | 1320 | S | 1320 | W | 39.39783 | -109.14783 | 7592 | 6260 | | Chris |
| 43-019-15896 | SAN ARROYO 16 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0369 | GRAND | SESW | 26 | 16S-25E | 1125 | S | 1790 | W | 39.38276 | -109.12746 | 5922 | 4884 | | Chris |
| 43-019-15897 | SAN ARROYO 17 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25243 | GRAND | NENE | 24 | 16S-25E | 660 | N | 940 | E | 39.40676 | -109.09956 | 5983 | 5003 | | Chris |
| 43-019-15898 | SAN ARROYO 18 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06023 | GRAND | NWNW | 30 | 16S-26E | 660 | N | 990 | W | 39.39241 | -109.09272 | 5778 | 4128 | | Chris |
| 43-019-15899 | SAN ARROYO 19 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05011B | GRAND | SWSE | 14 | 16S-25E | 820 | S | 1610 | E | 39.41086 | -109.12089 | 6305 | 5200 | | Chris |
| 43-019-15885 | SAN ARROYO 2 | SWEVCO-SABW | Shut-In | Gas Well | 1.0000000 | 0.82500000 | - | 0.00027708 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | SENW | 22 | 16S-25E | 2420 | N | 2430 | W | 39.40199 | -109.14379 | 7752 | 6826 | | Chris |
| 43-019-15900 | SAN ARROYO 20 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SENE | 26 | 16S-25E | 1360 | N | 170 | E | 39.39025 | -109.11553 | 6855 | 5457 | | Chris |
| 43-019-15901 | SAN ARROYO 21 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0369 | GRAND | NWSE | 25 | 16S-25E | 2066 | S | 2340 | E | 39.3853 | -109.1047 | 5878 | 4299 | | Chris |
| 43-019-15902 | SAN ARROYO 22 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05011A | GRAND | NENE | 15 | 16S-25E | 1210 | N | 990 | E | 39.41968 | -109.13711 | 6480 | 5500 | | Chris |
| 43-019-15903 | SAN ARROYO 24 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06188 | GRAND | SENW | 19 | 16S-26E | 2450 | N | 1495 | W | 39.40194 | -109.09106 | 6023 | 4815 | | Chris |
| 43-019-15904 | SAN ARROYO 25 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25244 | GRAND | SWNE | 21 | 16S-25E | 1520 | N | 1805 | E | 39.40437 | -109.15872 | 7599 | 5894 | | Chris |
| 43-019-15905 | SAN ARROYO 26 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25297 | GRAND | SWSW | 20 | 16S-26E | 660 | S | 660 | W | 39.39603 | -109.07543 | 5800 | 4800 | | Chris |
| 43-019-15906 | SAN ARROYO 27 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06021 | GRAND | NESW | 29 | 16S-26E | 1990 | S | 2100 | W | 39.3851 | -109.07027 | 5584 | | | Chris |
| 43-019-15907 | SAN ARROYO 28 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-5650 | GRAND | NWNE | 29 | 16S-26E | 660 | N | 1980 | E | 39.39225 | -109.06591 | 5690 | 4260 | | Chris |
| 43-019-15908 | SAN ARROYO 29 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0307A | GRAND | NENE | 22 | 16S-25E | 1300 | N | 195 | E | 39.40492 | -109.13429 | 6849 | 5200 | | Chris |
| 43-019-15886 | SAN ARROYO 3 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0307A | GRAND | SENW | 23 | 16S-25E | 1425 | N | 1450 | W | 39.40481 | -109.12847 | 6474 | 5460 | | Chris |
| 43-019-15909 | SAN ARROYO 30 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05650 | GRAND | NWSW | 21 | 16S-26E | 2600 | S | 900 | W | 39.40124 | -109.05587 | 5481 | 4293 | | Chris |
| 43-019-30527 | SAN ARROYO 31 | SWEVCO-SABW | Shut-In | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | NWNW | 22 | 16S-25E | 1111 | N | 913 | W | 39.40567 | -109.14907 | 7742 | 6071 | | Chris |
| 43-019-30528 | SAN ARROYO 32 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | | | | | | | | | | | | | | | | | | | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached |
| 2. NAME OF OPERATOR: SWEVCO-SABW, LLC Operator #N4155 | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537 | | 7. UNIT or CA AGREEMENT NAME: See Attached |
| PHONE NUMBER: (970) 669-7411 | | 8. WELL NAME and NUMBER: See Attached |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached | | 9. API NUMBER: Attached |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ | | 10. FIELD AND POOL, OR WILDCAT: |
| COUNTY: See Attached | | STATE: UTAH |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, taking over as operator from Southwestern Energy Ventures Company, LLC #N4035

Effective date: November 1, 2014
BLM Bond: RLB 0015753
State Bond: RLB 0015799

| | |
|---|--------------------------|
| NAME (PLEASE PRINT) Kellie Diffendaffer | TITLE Accounting Manager |
| SIGNATURE <i>Kellie Diffendaffer</i> | DATE 10/14/14 |

(This space for State use only)

RECEIVED

OCT 21 2014

APPROVED

NOV 03 2014

| UTAH | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------------------------|-------------|-------------|-----------|-----------|------------|----|------------|-------------------|-------------------|---------------|--------------|--------|---------|---------|----------------|---------|---------|----------|-----------|----------|------------|--------|--------|-------|
| API Well Number | Well Name | Operator | Well Status | Well Type | WI | NRI | RI | OR | Field Name/Unit # | Surface Ownership | Mineral Lease | Lease Number | County | Qtr/Qtr | Section | Township-Range | FNL/FSL | FEL/FWL | Latitude | Longitude | Elev. GR | TD | Unit # | PUMPER | |
| OPERATED | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outside the Unit | | SWEVCO-SABW | | | | | | | | | | | | | | | | | | | | | | | |
| 43-019-30570 | ARCO 27-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | SAN ARROYO | Federal | Federal | U-29645 | GRAND | NWSW | 27 | 16S-25E | 1787 | S | 1200 | W | 39.3846 | -109.14821 | 6740 | 5700 | Chris |
| 43-019-31162 | ARCO STATE 36-7 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | SWSE | 36 | 15.5S-24E | 540 | S | 1550 | E | 39.45341 | -109.21341 | 8319 | 7945 | Chris |
| 43-019-31192 | ARCO STATE 36-8 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | SWSW | 36 | 15.5S-24E | 945 | S | 850 | W | 39.45468 | -109.22361 | 7789 | 7490 | Chris |
| 43-019-30240 | ARCO STATE 2-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | NESE | 2 | 16S-24E | 2194 | S | 991 | E | 39.44346 | -109.23015 | 8443 | 7600 | Chris |
| 43-019-30241 | ARCO STATE 2-2 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | EAST CANYON | State | State | ML-22208 | GRAND | NWNW | 2 | 16S-24E | 769 | N | 857 | W | 39.44995 | -109.24212 | 7886 | 7250 | Chris |
| 43-019-30047 | BITTER CREEK 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.87500000 | - | - | SAN ARROYO | State | State | ML-25151 | GRAND | SWSE | 2 | 16S-25E | 395 | S | 2530 | E | 39.4387 | -109.12413 | 7375 | 6658 | Chris |
| 43-047-30765 | BLACK HORSE CANYON FED 31-1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84500000 | - | - | BLACK HORSE CYN | Federal | Federal | U-14234 | UINTAH | NWSW | 31 | 15S-24E | 1820 | S | 500 | W | 39.46736 | -109.28001 | 8262 | 7910 | Chris |
| 43-019-15884 | FEDERAL 174 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84875000 | - | - | SAN ARROYO | Federal | Federal | U-0126528 | GRAND | SESW | 11 | 16S-25E | 1285 | S | 2090 | W | 39.42669 | -109.1264 | 6577 | 5299 | Chris |
| 43-019-11089 | FEDERAL GILBERT 1 | SWEVCO-SABW | Producing | Gas Well | 1.0000000 | 0.84500000 | - | - | SAN ARROYO | Federal | Federal | U-0126528 | GRAND | SWNE | 11 | 16S-25E | 1700 | N | 1830 | E | 39.4329 | -109.12144 | 7001 | 6200 | Chris |
| 43-019-15023 | BAR X UNIT 4 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064807 | GRAND | NENE | 18 | 17S-26E | 660 | N | 660 | E | 39.33379 | -109.07281 | 5146 | 3599 | Chris |
| 43-019-30592 | BAR X UNIT 11 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064807 | GRAND | NWNW | 18 | 17S-26E | 1319 | N | 1285 | W | 39.33203 | -109.08486 | 5200 | 3466 | Chris |
| 43-019-31371 | BAR X UNIT 25 | SWEVCO-SABW | Producing | Gas Well | | | | | BAR X | Federal | Federal | UTSL064806 | GRAND | NWSE | 12 | 17S-25E | 1384 | S | 2165 | E | 39.33965 | -109.09684 | 5273 | 3742 | Chris |
| San Arroyo Unit | | | | | | | | | | | | | | | | | | | | | | | | Chris | |
| 43-019-16532 | SAN ARROYO 1 | SWEVCO-SABW | Shut-In | Gas Well | 1.0000000 | 0.82500000 | - | 0.00027708 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SENW | 26 | 16S-25E | 1712 | N | 2566 | W | 39.38943 | -109.12453 | 6033 | 5065 | Chris |
| 43-019-15892 | SAN ARROYO 11 | SWEVCO-SABW | Shut-In | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05059C | GRAND | NESW | 15 | 16S-25E | 1760 | S | 1990 | W | 39.41349 | -109.14544 | 7524 | 6367 | Chris |
| 43-019-15893 | SAN ARROYO 12 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SWSW | 23 | 16S-25E | 1140 | S | 1220 | W | 39.39734 | -109.12949 | 6507 | 4731 | Chris |
| 43-019-15894 | SAN ARROYO 13 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | C-SW | 22 | 16S-25E | 1320 | S | 1320 | W | 39.39783 | -109.14783 | 7592 | 6260 | Chris |
| 43-019-15896 | SAN ARROYO 16 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0369 | GRAND | SESW | 26 | 16S-25E | 1125 | S | 1790 | W | 39.38276 | -109.12746 | 5922 | 4884 | Chris |
| 43-019-15897 | SAN ARROYO 17 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25243 | GRAND | NENE | 24 | 16S-25E | 660 | N | 940 | E | 39.40676 | -109.09556 | 5983 | 5003 | Chris |
| 43-019-15898 | SAN ARROYO 18 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06023 | GRAND | NWNW | 30 | 16S-26E | 660 | N | 990 | W | 39.39241 | -109.09272 | 5778 | 4128 | Chris |
| 43-019-15899 | SAN ARROYO 19 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05011B | GRAND | SWSE | 14 | 16S-25E | 820 | S | 1610 | E | 39.41086 | -109.12089 | 6305 | 5200 | Chris |
| 43-019-15885 | SAN ARROYO 2 | SWEVCO-SABW | Shut-In | Gas Well | 1.0000000 | 0.82500000 | - | 0.00027708 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | SENW | 22 | 16S-25E | 2420 | N | 2430 | W | 39.40199 | -109.14379 | 7752 | 6826 | Chris |
| 43-019-15900 | SAN ARROYO 20 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-071307 | GRAND | SENE | 26 | 16S-25E | 1360 | N | 170 | E | 39.39025 | -109.11553 | 6855 | 5457 | Chris |
| 43-019-15901 | SAN ARROYO 21 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0369 | GRAND | NWSE | 25 | 16S-25E | 2066 | S | 2340 | E | 39.3853 | -109.1047 | 5878 | 4299 | Chris |
| 43-019-15902 | SAN ARROYO 22 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05011A | GRAND | NENE | 15 | 16S-25E | 1210 | N | 990 | E | 39.41968 | -109.13711 | 6480 | 5500 | Chris |
| 43-019-15903 | SAN ARROYO 24 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06188 | GRAND | SENW | 19 | 16S-26E | 2450 | N | 1495 | W | 39.40194 | -109.09106 | 6023 | 4815 | Chris |
| 43-019-15904 | SAN ARROYO 25 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25244 | GRAND | SWNE | 21 | 16S-25E | 1520 | N | 1805 | E | 39.40437 | -109.15872 | 7599 | 5894 | Chris |
| 43-019-15905 | SAN ARROYO 26 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-25297 | GRAND | SWSW | 20 | 16S-26E | 660 | S | 660 | W | 39.39603 | -109.07543 | 5800 | 4800 | Chris |
| 43-019-15906 | SAN ARROYO 27 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-06021 | GRAND | NESW | 29 | 16S-26E | 1990 | S | 2100 | W | 39.3851 | -109.07027 | 5584 | | Chris |
| 43-019-15907 | SAN ARROYO 28 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-5650 | GRAND | NWNE | 29 | 16S-26E | 660 | N | 1980 | E | 39.39225 | -109.06591 | 5690 | 4260 | Chris |
| 43-019-15908 | SAN ARROYO 29 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0307A | GRAND | NENE | 22 | 16S-25E | 1300 | N | 195 | E | 39.40492 | -109.13429 | 6849 | 5200 | Chris |
| 43-019-15886 | SAN ARROYO 3 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0307A | GRAND | SENW | 23 | 16S-25E | 1425 | N | 1450 | W | 39.40481 | -109.12847 | 6474 | 5460 | Chris |
| 43-019-15909 | SAN ARROYO 30 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05650 | GRAND | NWSW | 21 | 16S-26E | 2600 | S | 900 | W | 39.40124 | -109.05587 | 5481 | 4293 | Chris |
| 43-019-30527 | SAN ARROYO 31 | SWEVCO-SABW | Shut-In | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-0370A | GRAND | NWNW | 22 | 16S-25E | 1111 | N | 913 | W | 39.40567 | -109.14907 | 7742 | 6071 | Chris |
| 43-019-30528 | SAN ARROYO 32 | SWEVCO-SABW | Producing | Gas Well | 0.9717655 | 0.80116538 | - | 0.00252986 | SAN ARROYO | Federal | Federal | U-05011B | GRAND | SWSW | 14 | 16S-25E | 678 | S | 370 | W | 39.41066 | -109.13255 | | | |



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 10, 2015

CERTIFIED MAIL NO. 7011 2970 0001 8828 0989

Ms. Kellie Diffendaffer
SWEVCO-SABW, LLC
2154 W Eisenhower Blvd.
Loveland, CO 80537

43 019 31192
Arco State 36-8
36 15.55 24E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Diffendaffer:

As of January 2015, SWEVCO-SABW, LLC has one (1) State Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2
SWEVCO-SABW, LLC
February 10, 2015

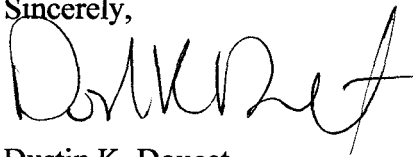
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,




Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A



| | Well Name | API | LEASE | Years Inactive |
|---|------------------|--------------|--------------|-----------------------|
| 1 | ARCO STATE 36-8 | 43-019-31192 | ML-22208 | 1 year 3 months |